

# Converting Colors

Android(4293916671)

Have a look what the booklet for  
Android(4293916671) contains.

<b>Android(4293916671)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	11
<b><i>Previews</i></b> .....	23
<b><i>Color Blindness Simulation</i></b> .....	26
<b><i>CSS Examples</i></b> .....	29

# **Color**

**Android(4293916671)**

# Conversions

## Conversions Part 1

Format	Color
Hex	EFF7FF
RGB	239, 247, 255
RGB Percent	94%, 97%, 100%
CMY	0.0627, 0.0314, 0.0000
CMYK	0.06, 0.03, 0.00, 0.00
HSL	210°, 100%, 97%
HSV	210°, 6%, 100%
XYZ	86.9074, 92.0923, 107.8028
YIQ	245.5200, -7.3360, 0.7920

# Conversions

## Conversions Part 2

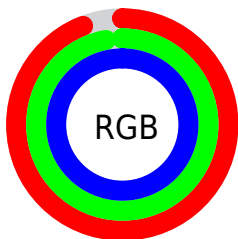
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	239, 244, 255
Decimal	15726591
CIE <sub>Lab</sub>	96.86, -1.16, -4.75
CIE <sub>LCh</sub>	97, 4.893, 256.310
Yxy	92.0923, 0.3030, 0.3211
Android (android.graphics.Color)	4293916671 (0xFFEFF7FF)
YUV	245.5200, 4.6736, -5.7180
Hunter-Lab	95.9647, -6.2854, 0.5713

# Details

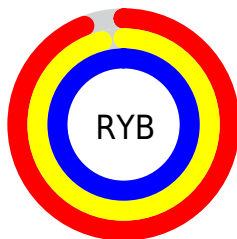
The Android color `4293916671` is a light color, and the websafe version is hex `FFFFFF`. A complement of this color would be `4294965231`, and the grayscale version is `4294309365`.

A 20% lighter version of the original color is `4294967295`, and `4290232262` is the 20% darker color. If you saturate the color by 10%, you get `4292274943`, and if you desaturate by 10%, it is `4294967295`.

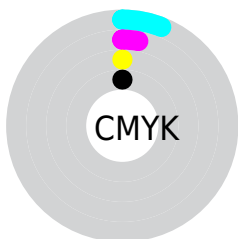
# Distribution



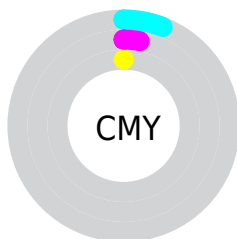
- Red (94%)
- Green (97%)
- Blue (100%)



- Red (94%)
- Yellow (96%)
- Blue (100%)



- Cyan (6%)
- Magenta (3%)
- Yellow (0%)
- Black (0%)



- Cyan (6%)
- Magenta (3%)
- Yellow (0%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4293916671 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the Android color 4293916671 by changing the saturation by 10% instead.



 4293916671

 4293916671

4294967295

 4292074466

 4290232262

 4288455851

 4286744977

 4285100151

 4283521118

 4282007623

 4280560176

 4279178779

4293916671

4293916671

4292274943

4294967295

4290567935

4288926207

4287218943

4285577215

4283870207

4282162943

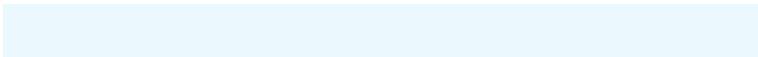
4280521215

4278813951

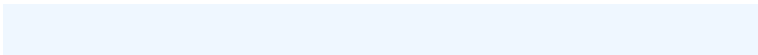
# Harmonies

## Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



4293654781



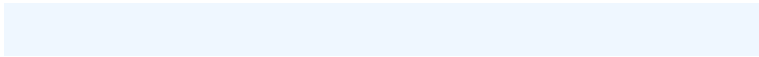
4293916671



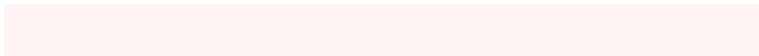
4294243839

# Triad

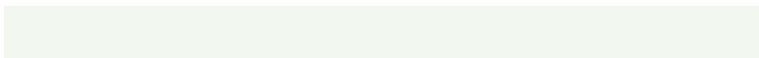
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



4293916671



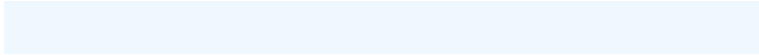
4294964211



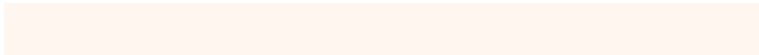
4294113519

# Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



4293916671



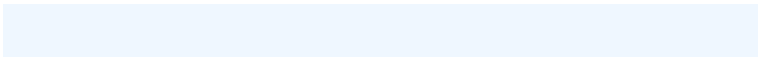
4294965231

# Split Complementary

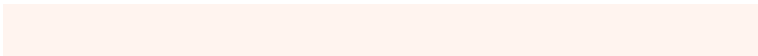
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



4294440685



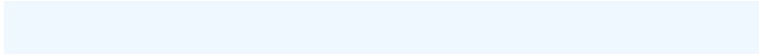
4293916671



4294964463

# Square

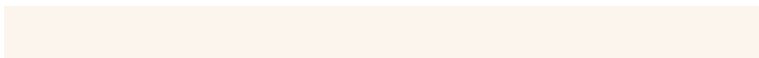
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



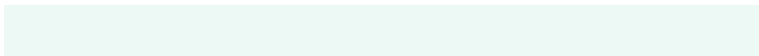
4293916671



4294964216



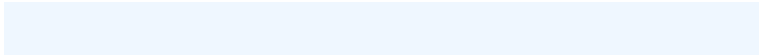
4294768109



4293786100

# Rectangle

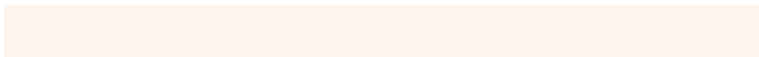
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



4293916671



4294505726



4294768109

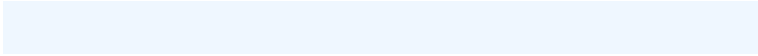


4294178798



# Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



4293916671



4294638847



4293918711



4286414464



4278190080

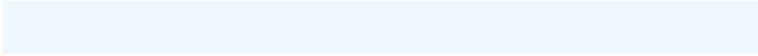


4286611584

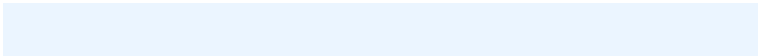


# Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



4293916671



4293654015



4293914623



4285757824



4278214847



4278198336



# Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



4294963191



4294962165



4294967279



4286608249



4290707552

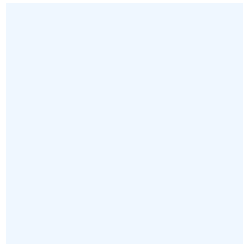


4282384416



# Previews

## White Background



This preview shows how the Android color 4293916671 looks on a white background.

## Color Contrast Check

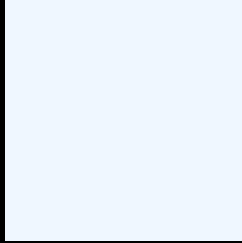
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

# Black Background



This preview shows how the Android color 4293916671 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

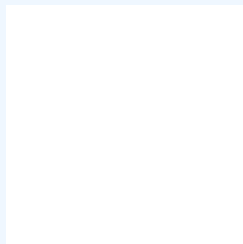
If you want to check with other color combinations, try the [Color Contrast Checker](#).



# Android 4293916671 Background



This preview shows how black text looks on a background with the Android color 4293916671.

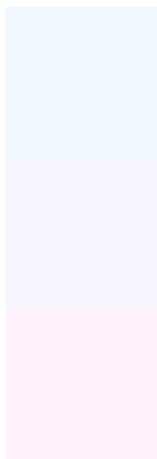


This preview shows how white text looks on a background with the Android color 4293916671.

# Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

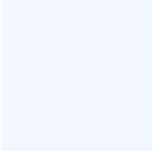
## Dichromacy



**Original Color**  
4293916671

**Protanopia**  
4294505725

**Deuteranopia**  
4294963963



**Tritanopia**  
4294178559

# Trichromacy



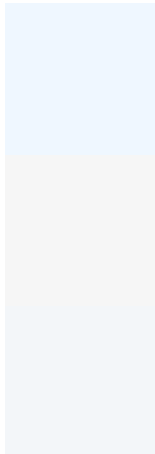
**Original Color**  
4293916671

**Protanomaly**  
4294309374

**Deuteranomaly**  
4294571260

**Tritanomaly**  
4294113023

# Monochromacy



**Original Color**  
4293916671

**Achromatopsia**  
4294375158

**Achromatomaly**  
4294178553

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4293916671 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(239, 247, 255)` looks like.

```
.text, #text, p{  
    color:rgb(239, 247, 255)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(239, 247, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(239, 247, 255) }
```

## Border

The CSS property to change the border of an element to Android 4293916671 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(239, 247, 255) }
```

If only the border color should be changed use the property `border-color`.

```
.border{ border-color:rgb(239, 247, 255) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel `rgb(239, 247, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(239, 247, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(239, 247, 255);  
box-shadow:4px 4px 4px 4px rgb(239, 247,  
255) }
```

# Background

The CSS property to change the background color of an element to Android 4293916671 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(239, 247, 255) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(239,  
247, 255) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).



Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

**[Learn more, Memberships starting at \\$2.50/m!](#)**

**Follow me  
on Twitter!**

@ConvertingColor