

# Converting Colors

Android(4294046975)

Have a look what the booklet for  
Android(4294046975) contains.

|  |    |
|--|----|
| <b>Android(4294046975)</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(4294046975)**

# Conversions

## Conversions Part 1

| Format      | Color                      |
|-------------|----------------------------|
| Hex         | F1F4FF                     |
| RGB         | 241, 244, 255              |
| RGB Percent | 95%, 96%, 100%             |
| CMY         | 0.0549, 0.0431, 0.0000     |
| CMYK        | 0.05, 0.04, 0.00, 0.00     |
| HSL         | 227°, 100%, 97%            |
| HSV         | 227°, 5%, 100%             |
| XYZ         | 86.6763, 90.6221, 107.5312 |
| YIQ         | 244.3570, -5.3190, 2.7850  |

# Conversions

## Conversions Part 2

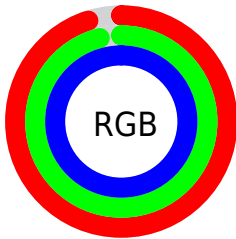
| <b>Format</b>                       | <b>Color</b>                 |
|-------------------------------------|------------------------------|
| R <sub>Y</sub> B                    | 241, 243, 255                |
| Decimal                             | 15856895                     |
| CIE Lab                             | 96.25, 1.01, -5.63           |
| CIE LCh                             | 96, 5.718, 280.216           |
| Yxy                                 | 90.6221, 0.3043,<br>0.3182   |
| Android<br>(android.graphics.Color) | 4294046975<br>(0xFFFF1F4FF)  |
| YUV                                 | 244.3570, 5.2470,<br>-2.9441 |
| Hunter-Lab                          | 95.1957, -4.0669,<br>-0.3359 |

# Details

The Android color `4294046975` is a light color, and the websafe version is hex `FFFFFF`. A complement of this color would be `4294966513`, and the grayscale version is `4294243572`.

A 20% lighter version of the original color is `4294967295`, and `4290362566` is the 20% darker color. If you saturate the color by 10%, you get `4292403455`, and if you desaturate by 10%, it is `4294967295`.

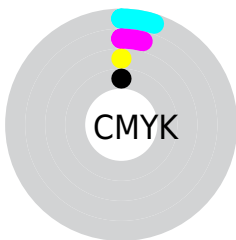
# Distribution



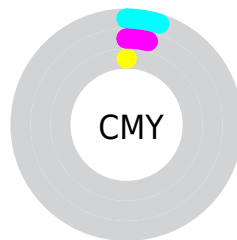
- Red (95%)
- Green (96%)
- Blue (100%)



- Red (95%)
- Yellow (95%)
- Blue (100%)



- Cyan (5%)
- Magenta (4%)
- Yellow (0%)
- Black (0%)



- Cyan (5%)
- Magenta (4%)
- Yellow (0%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4294046975 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 4294046975 by changing the saturation by 10% instead.



 4294046975

 4294046975

4294967295

 4292204770

 4290362566

 4288586155

 4286875537

 4285230455

 4283585886

 4282072647

 4280690736

 4279309339

4294046975

4294046975

4292403455

4294967295

4290694399

4288985343

4287341823

4285698303

4283989247

4282280191

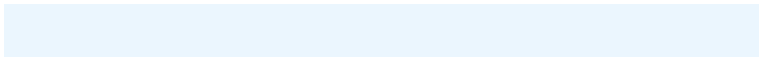
4280636671

4278927615

# Harmonies

## Analogous

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



4293654270



4294046975



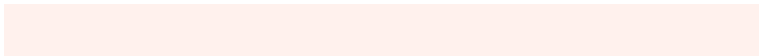
4294505213

# Triad

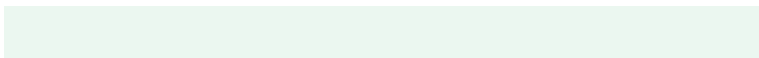
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



4294046975



4294963693



4293654512

# Complementary

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



4294046975



4294966513

# Split Complementary

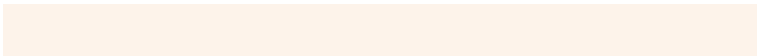
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



4293981932



4294046975



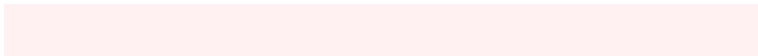
4294833130

# Square

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



4294046975



4294963698



4294440169



4293392630

# Rectangle

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



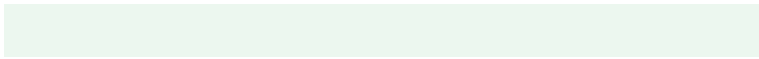
4294046975



4294767098



4294440169



4293720047

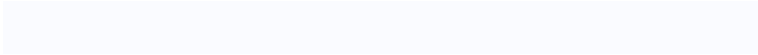


# Sweetspot

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



4294046975



4294638591



4294049788



4286414208



4278190080



4286611584



# Same Dimension

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



4294046975



4293784063



4294308351



4285888384



4278200767



4278193728



# Inverse Universe

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



4294963700



4294962673



4294705137



4286608759



4290707497

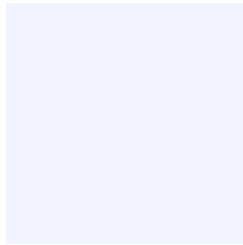


4282384398



# Previews

## White Background



This preview shows how the Android color 4294046975 looks on a white background.

## Color Contrast Check

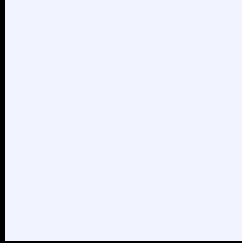
Large Text (above 18pt) WCAG AA × Fail

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 4294046975 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 4294046975 Background



This preview shows how black text looks on a background with the Android color 4294046975.



This preview shows how white text looks on a background with the Android color 4294046975.

# 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**  
4294046975

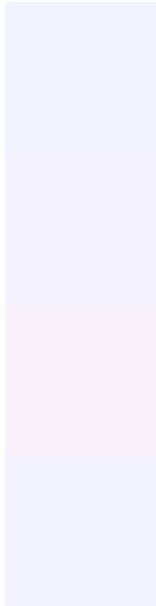
**Protanopia**  
4294308862

**Deuteranopia**  
4294963452



**Tritanopia**  
4294177791

# Trichromacy



**Original Color**  
4294046975

**Protanomaly**  
4294243326

**Deuteranomaly**  
4294636029

**Tritanomaly**  
4294112255

# Monochromacy



**Original Color**  
4294046975

**Achromatopsia**  
4294243572

**Achromatomaly**  
4294178040

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4294046975 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(241, 244, 255)` looks like.

```
.text, #text, p{  
    color:rgb(241, 244, 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(241, 244, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(241, 244, 255) }
```

## Border

The CSS property to change the border of an element to Android 4294046975 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(241, 244, 255) }
```

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

```
.border{ border-color:rgb(241, 244, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(241, 244, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(241, 244, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(241, 244, 255);  
box-shadow:4px 4px 4px 4px rgb(241, 244,  
255) }
```

# Background

The CSS property to change the background color of an element to Android 4294046975 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(241, 244, 255) }
```

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

```
.background{ background-color: rgb(241,  
244, 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