

# Converting Colors

Android(4281592831)

Have a look what the booklet for  
Android(4281592831) contains.

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**Color**

**Android(4281592831)**

# Conversions

## Conversions Part 1

Format	Color
Hex	33EBFF
RGB	51, 235, 255
RGB Percent	20%, 92%, 100%
CMY	0.8000, 0.0784, 0.0000
CMYK	0.80, 0.08, 0.00, 0.00
HSL	186°, 100%, 60%
HSV	186°, 80%, 100%
XYZ	49.1236, 67.3405, 105.0167
YIQ	182.2640, -116.0840, -32.7880

# Conversions

## Conversions Part 2

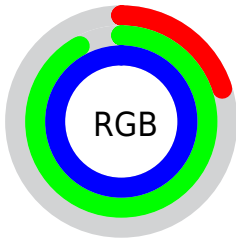
<b>Format</b>	<b>Color</b>
<b>RYB</b>	51, 148, 255
Decimal	3402751
CIELab	85.68, -37.00, -22.30
CIELCh	86, 43.203, 211.078
Yxy	67.3405, 0.2218, 0.3040
Android (android.graphics.Color)	4281592831 (0xFF33EBFF)
YUV	182.2640, 35.8588, -115.1185
Hunter-Lab	82.0612, -36.7533, -18.4326

# Details

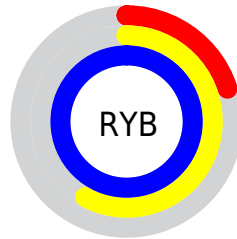
The Android color `4281592831` is a light color, and the websafe version is hex `66FFFF`. The color can be described as light washed cyan. A complement of this color would be `4294919987`, and the grayscale version is `4290164406`.

A 20% lighter version of the original color is `4286906367`, and `4278236102` is the 20% darker color. If you saturate the color by 10%, you get `4279888383`, and if you desaturate by 10%, it is `4283297535`.

# Distribution



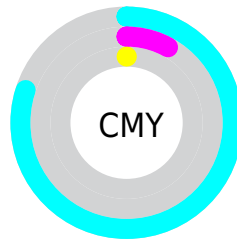
- Red (20%)
- Green (92%)
- Blue (100%)



- Red (20%)
- Yellow (58%)
- Blue (100%)



- Cyan (80%)
- Magenta (8%)
- Yellow (0%)
- Black (0%)




- Cyan (80%)
- Magenta (8%)
- Yellow (0%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4281592831 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 4281592831 by changing the saturation by 10% instead.



 4281592831

 4281592831

4294967295


 4278243298

 4286906367

 4278236102

 4289134591

 4278229163

 4291231743

 4278222224

 4293328895

 4278215799

 4278209374

 4278203206

 4278197808

 4278190363

■ 4281592831

■ 4281592831

■ 4279888383

■ 4283297535

■ 4278249215

■ 4284936447

■ 4286641151

■ 4288280063

■ 4289984767

■ 4291623679

■ 4293328383

4294967295

# Harmonies

## Analogous

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



4284476630



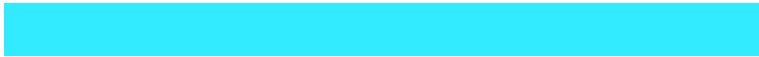
4281592831



4284081663

# Triad

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



4281592831



4294950398



4293973124

# Complementary

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



4281592831



4294919987

# 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.



4294952592



4281592831



4294948822

# Square

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



4281592831



4292725759



4294949550



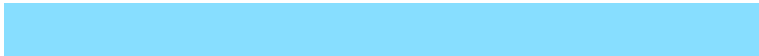
4291158159

# Rectangle

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



4281592831



4287094527



4294949550



4294758277



# Sweetspot

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



4281592831



4290968063



4281597764



4284185728



4278190080



4286611584



# Same Dimension

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



4281592831



4278904831



4281567487



4285759104



4278234559



4278204992



# Inverse Universe

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



4294915051



4294904551



4294945331



4286608254



4290707629

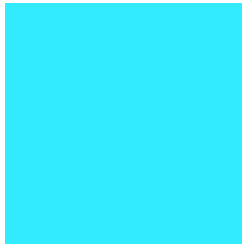


4282384442



# Previews

## White Background



This preview shows how the Android color 4281592831 looks on a white background.

## Color Contrast Check

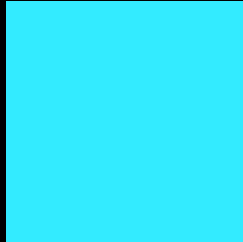
Large Text (above 18pt) WCAG AA × Fail

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 4281592831 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 4281592831 Background



This preview shows how black text looks on a background with the Android color 4281592831.

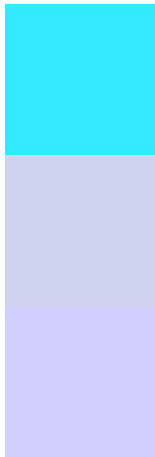


This preview shows how white text looks on a background with the Android color 4281592831.

# 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](#).

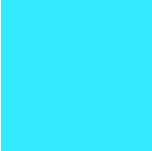
## Dichromacy



**Original Color**  
4281592831

**Protanopia**  
4291875823

**Deuteranopia**  
4291940607

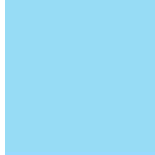


**Tritanopia**  
4281527294

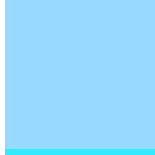
# Trichromacy



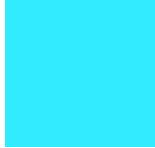
**Original Color**  
4281592831



**Protanomaly**  
4288142581



**Deuteranomaly**  
4288207615

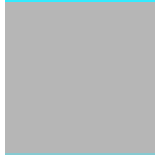


**Tritanomaly**  
4281527294

# Monochromacy



**Original Color**  
4281592831



**Achromatopsia**  
4290164406



**Achromatomaly**  
4287023569

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4281592831 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(51, 235, 255)` looks like.

```
.text, #text, p{  
    color:rgb(51, 235, 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(51, 235, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(51, 235, 255) }
```

## Border

The CSS property to change the border of an element to Android 4281592831 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(51, 235, 255) }
```

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

```
.border{ border-color:rgb(51, 235, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(51, 235, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(51, 235, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(51, 235, 255);  
box-shadow:4px 4px 4px 4px rgb(51, 235,  
255) }
```

# Background

The CSS property to change the background color of an element to Android 4281592831 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(51, 235, 255) }
```

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

```
.background{ background-color: rgb(51, 235,  
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](#).



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