

# Converting Colors

Android(4280666357)

Have a look what the booklet for  
Android(4280666357) contains.

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# **Color**

**Android(4280666357)**

# Conversions

## Conversions Part 1

Format	Color
Hex	25C8F5
RGB	37, 200, 245
RGB Percent	15%, 78%, 96%
CMY	0.8549, 0.2157, 0.0392
CMYK	0.85, 0.18, 0.00, 0.04
HSL	193°, 91%, 55%
HSV	193°, 85%, 96%
XYZ	37.8987, 48.2944, 93.7105
YIQ	156.3930, -111.5930, -20.5610

# Conversions

## Conversions Part 2

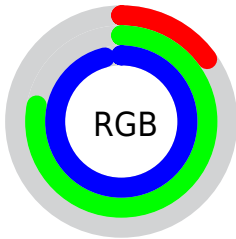
Format	Color
<a href="#">RYB</a>	<a href="#">37, 128, 245</a>
Decimal	<a href="#">2476277</a>
CIELab	<a href="#">75.01, -24.27, -33.33</a>
CIELCh	<a href="#">75, 41.229, 233.936</a>
Yxy	<a href="#">48.2944, 0.2107, 0.2684</a>
Android (android.graphics.Color)	<a href="#">4280666357 (0xFF25C8F5)</a>
YUV	<a href="#">156.3930, 43.6833, -104.7077</a>
Hunter-Lab	<a href="#">69.4942, -24.2699, -31.3045</a>

# Details

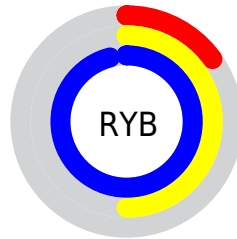
The Android color `4280666357` is a light color, and the websafe version is hex `00CCFF`. The color can be described as light washed cyan. A complement of this color would be `4294267429`, and the grayscale version is `4288453788`.

A 20% lighter version of the original color is `4286185471`, and `4278227645` is the 20% darker color. If you saturate the color by 10%, you get `4279092213`, and if you desaturate by 10%, it is `4282306037`.

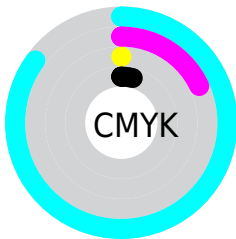
# Distribution



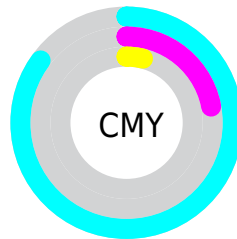
- Red (15%)
- Green (78%)
- Blue (96%)



- Red (15%)
- Yellow (50%)
- Blue (96%)



- Cyan (85%)
- Magenta (18%)
- Yellow (0%)
- Black (4%)



- Cyan (85%)
- Magenta (22%)
- Yellow (4%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4280666357 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 4280666357 by changing the saturation by 10% instead.





4280666357



4280666357

4294967295



4278234584



4286185471



4278227645



4288348159



4278220961



4290445311



4278214535



4292542463



4278208366



4294639615



4278202453



4278197565



4278190887



4278190353

■ 4280666357

■ 4280666357

■ 4279092213

■ 4282306037

■ 4278239477

■ 4283880437

■ 4285520117

■ 4287094261

■ 4288734197

■ 4290308341

■ 4291948021

■ 4293522165

■ 4294965493

# Harmonies

## Analogous

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



4278439126



4280666357



4285775871

# Triad

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



4280666357



4294745282



4289904754

# Complementary

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



4280666357



4294267429

# 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.



4292392045



4280666357



4294942108

# Square

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



4280666357



4292977894



4294289277



4287023243

# Rectangle

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



4280666357



4288591615



4294289277



4290821230

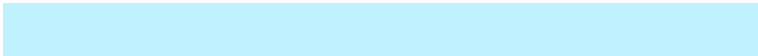


# Sweetspot

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



4280666357



4290769407



4280677711



4284053376



4278190080



4286611584

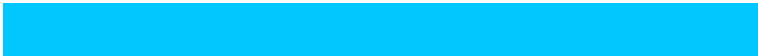


# Same Dimension

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



4280666357



4278241535



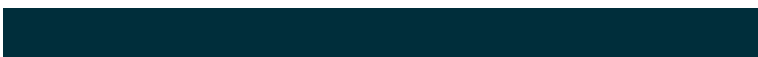
4280640501



4285429882



4278227642



4278201915



# Inverse Universe

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



4294256072



4294901960



4294293285



4286213752



4290379922

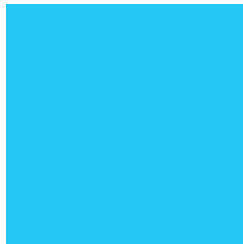


4282056750



# Previews

## White Background



This preview shows how the Android color 4280666357 looks on a white background.

## Color Contrast Check

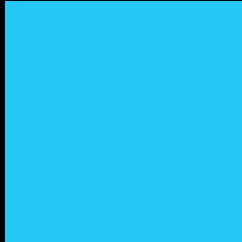
Large Text (above 18pt) WCAG AA × Fail

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 4280666357 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 4280666357 Background



This preview shows how black text looks on a background with the Android color 4280666357.

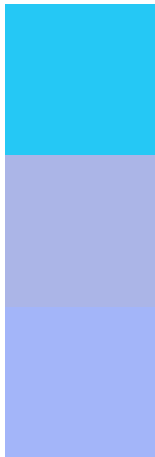


This preview shows how white text looks on a background with the Android color 4280666357.

# 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**  
4280666357

**Protanopia**  
4289443303

**Deuteranopia**  
4288919033



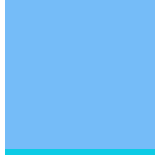
# Trichromacy



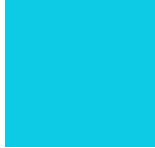
**Original Color**  
4280666357



**Protanomaly**  
4286233836



**Deuteranomaly**  
4285906168



**Tritanomaly**  
4279094245

# Monochromacy



**Original Color**  
4280666357



**Achromatopsia**  
4288453788



**Achromatomaly**  
4285639868

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4280666357 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(37, 200, 245)` looks like.

```
.text, #text, p{  
    color:rgb(37, 200, 245)  
}
```

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(37, 200, 245) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(37, 200, 245) }
```

## Border

The CSS property to change the border of an element to Android 4280666357 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(37, 200, 245) }
```

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

```
.border{ border-color:rgb(37, 200, 245) }
```

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

Here you see how a box with a 4 pixel `rgb(37, 200, 245)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(37, 200, 245); -webkit-box-  
shadow:4px 4px 4px 4px rgb(37, 200, 245);  
box-shadow:4px 4px 4px 4px rgb(37, 200,  
245) }
```

# Background

The CSS property to change the background color of an element to Android 4280666357 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(37, 200, 245) }
```

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

```
.background{ background-color: rgb(37, 200,  
245) }
```

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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