

# Converting Colors

Android(4278940660)

Have a look what the booklet for  
Android(4278940660) contains.

<b>Android(4278940660)</b>	3
<i><b>Conversions</b></i>	4
<i><b>Details</b></i>	6
<i><b>Harmonies</b></i>	11
<i><b>Previews</b></i>	23
<i><b>Color Blindness Simulation</b></i>	26
<i><b>CSS Examples</b></i>	29

# Color

**Android(4278940660)**

# Conversions

Conversions Part 1	
Format	Color
Hex	0B73F4
RGB	11, 115, 244
RGB Percent	4%, 45%, 96%
CMY	0.9569, 0.5490, 0.0431
CMYK	0.95, 0.53, 0.00, 0.04
HSL	213°, 91%, 50%
HSV	213°, 95%, 96%
XYZ	22.5979, 18.8643, 88.0381
YIQ	98.6100, -103.3930, 18.0710

# Conversions

## Conversions Part 2

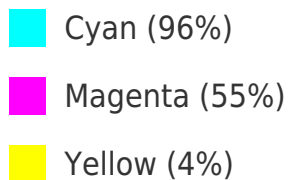
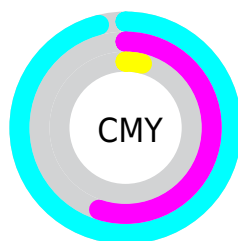
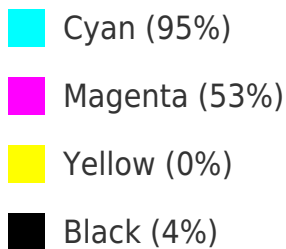
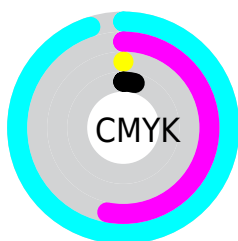
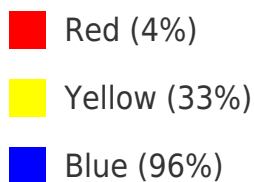
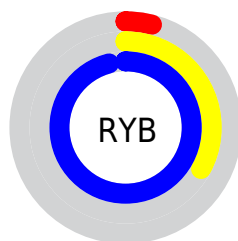
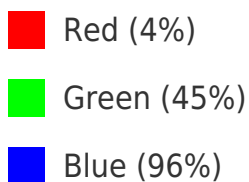
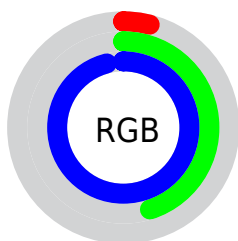
Format	Color
<a href="#">RYB</a>	<a href="#">11, 83, 244</a>
Decimal	<a href="#">750580</a>
CIELab	<a href="#">50.53, 22.99, -71.62</a>
CIELCh	<a href="#">51, 75.220, 287.799</a>
Yxy	<a href="#">18.8643, 0.1745, 0.1457</a>
Android (android.graphics.Color)	<a href="#">4278940660</a> (0xFF0B73F4)
YUV	<a href="#">98.6100, 71.6773, -76.8340</a>
Hunter-Lab	<a href="#">43.4330, 16.8645, -89.7768</a>

# Details

The Android color `4278940660` is a dark color, and the websafe version is hex `3366CC`. The color can be described as dark saturated azure. A complement of this color would be `4294216715`, and the grayscale version is `4284637794`.

A 20% lighter version of the original color is `4285572863`, and `4278207675` is the 20% darker color. If you saturate the color by 10%, you get `4278218228`, and if you desaturate by 10%, it is `4280517108`.

# Distribution



















# Brightness & Saturation Gradients


These gradients show how the Android color 4278940660 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 4278940660 by changing the saturation by 10% instead.



 4278940660	 4278940660
4294967295	 4278213591
 4285572863	 4278207675
 4287742463	 4278202527
 4289912319	 4278197636
 4291951103	 4278190954
 4294049791	 4278192977
	 4278191417
	 4278190626
	 4278190089

 4278940660

 4278940660

 4278218228

 4280517108

 4282158836

 4283735284

 4285377012

 4286953460

 4288529652

 4290171636

 4291747828

 4293389812

# Harmonies

## Analogous

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



4278225143



4278940660



4289221328

# Triad

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



4278940660



4291972117



4278227547

# Complementary

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



4278940660



4294216715

# 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.



4278226191



4278940660



4289162240

# Square

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



4278940660



4293273174



4285432064



4278228126

# Rectangle

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



4278940660



4291770026



4285432064



4278227268



# Sweetspot

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



4278940660



4290107135



4278973579



4283656064



4278190080



4286611584



# Same Dimension

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



4278940660



4278219519



4279700468



4285428858



4278211514



4278196795



# Inverse Universe

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



4294183795



4294901874



4293456907



4286213748



4290379859



4282056730



# Previews

## White Background



This preview shows how the Android color 4278940660 looks on a white background.

## Color Contrast Check

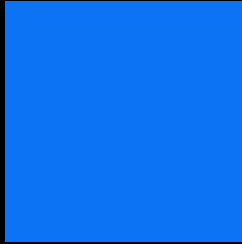
Large Text (above 18pt) WCAG AA ✓ Pass

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 4278940660 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

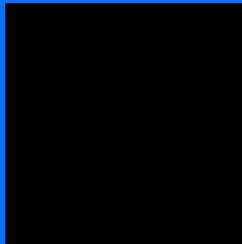
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

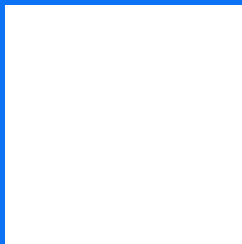
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Android 4278940660 Background



This preview shows how black text looks on a background with the Android color 4278940660.



This preview shows how white text looks on a background with the Android color 4278940660.

# 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**

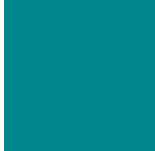
4278940660

**Protanopia**

4279202804

**Deuteranopia**

4278221523



**Tritanopia**  
4278224269

# Trichromacy



**Original Color**

4278940660

**Protanomaly**

4279137268

**Deuteranomaly**

4278482911

**Tritanomaly**

4278484658

# Monochromacy



**Original Color**

4278940660

**Achromatopsia**

4284703587

**Achromatomaly**

4282608024

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4278940660 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(11, 115, 244)` looks like.

```
.text, #text, p{  
    color:rgb(11, 115, 244)  
}
```

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(11, 115, 244) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(11, 115, 244) }
```

## Border

The CSS property to change the border of an element to Android 4278940660 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(11, 115, 244) }
```

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

```
.border{ border-color:rgb(11, 115, 244) }
```

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

Here you see how a box with a 4 pixel `rgb(11, 115, 244)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(11, 115, 244); -webkit-box-  
shadow:4px 4px 4px 4px rgb(11, 115, 244);  
box-shadow:4px 4px 4px 4px rgb(11, 115,  
244) }
```

# Background

The CSS property to change the background color of an element to Android 4278940660 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:rgb(11, 115, 244) }
```

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

```
.background{ background-color:rgb(11, 115,  
244) }
```

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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