

# Converting Colors

Android(4278808291)

Have a look what the booklet for  
Android(4278808291) contains.

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# Color

**Android(4278808291)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	096EE3
RGB	9, 110, 227
RGB Percent	4%, 43%, 89%
CMY	0.9647, 0.5686, 0.1098
CMYK	0.96, 0.52, 0.00, 0.11
HSL	212°, 92%, 46%
HSV	212°, 96%, 89%
XYZ	19.5537, 16.7560, 74.8767
YIQ	93.1390, -97.7530, 14.9750

# Conversions

## Conversions Part 2

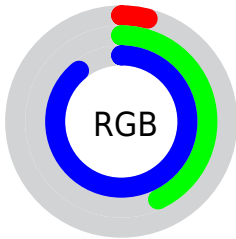
<b>Format</b>	<b>Color</b>
<b>RYB</b>	9, 78, 227
Decimal	618211
CIELab	47.95, 19.52, -66.27
CIELCh	48, 69.086, 286.408
Yxy	16.7560, 0.1759, 0.1507
Android (android.graphics.Color)	4278808291 (0xFF096EE3)
YUV	93.1390, 65.9935, -73.7899
Hunter-Lab	40.9341, 13.6327, -79.7995

# Details

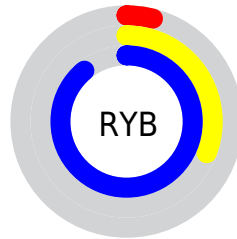
The Android color `4278808291` is a dark color, and the websafe version is hex `0066CC`. The color can be described as dark washed azure. A complement of this color would be `4293099017`, and the grayscale version is `4284308829`.

A 20% lighter version of the original color is `4285243903`, and `4278206635` is the 20% darker color. If you saturate the color by 10%, you get `4278217187`, and if you desaturate by 10%, it is `4280318691`.

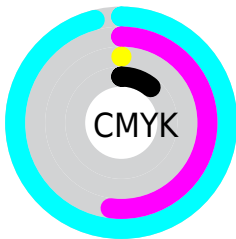
# Distribution



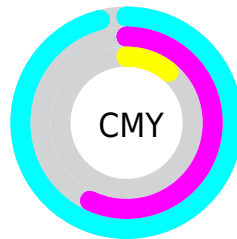
- Red (4%)
- Green (43%)
- Blue (89%)



- Red (4%)
- Yellow (31%)
- Blue (89%)



- Cyan (96%)
- Magenta (52%)
- Yellow (0%)
- Black (11%)




- Cyan (96%)
- Magenta (57%)
- Yellow (11%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4278808291 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 4278808291 by changing the saturation by 10% instead.



 4278808291

 4278808291

4294967295

 4278212294

 4285243903


 4278206635

 4287413503

 4278201231

 4289452031

 4278196597

 4291490815

 4278191452

 4293591039

 4278191939

 4278190892

 4278190358

 4278190080

■ 4278808291

■ 4278808291

■ 4278217187

■ 4280318691

■ 4281763555

■ 4283274211

■ 4284784611

■ 4286295011

■ 4287739875

■ 4289250275

■ 4290760675

■ 4292205795

# Harmonies

## Analogous

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



4278223076



4278808291



4288369091

# Triad

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



4278808291



4291119388



4278225492

# Complementary

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



4278808291



4293099017

# 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.



4279731218



4278808291



4288701952

# Square

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



4278808291



4292291413



4285298944



4278225809

# Rectangle

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



4278808291



4290788002



4285298944



4278224960



# Sweetspot

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



4278808291



4290107391



4278838141



4283656320



4278190080



4286611584



# Same Dimension

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



4278808291



4278220543



4279241187



4284968307



4278211507



4278196275



# Inverse Universe

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



4293069166



4294901878



4292666121



4285753197



4289921107



4281532440



# Previews

## White Background



This preview shows how the Android color 4278808291 looks on a white background.

### Color Contrast Check

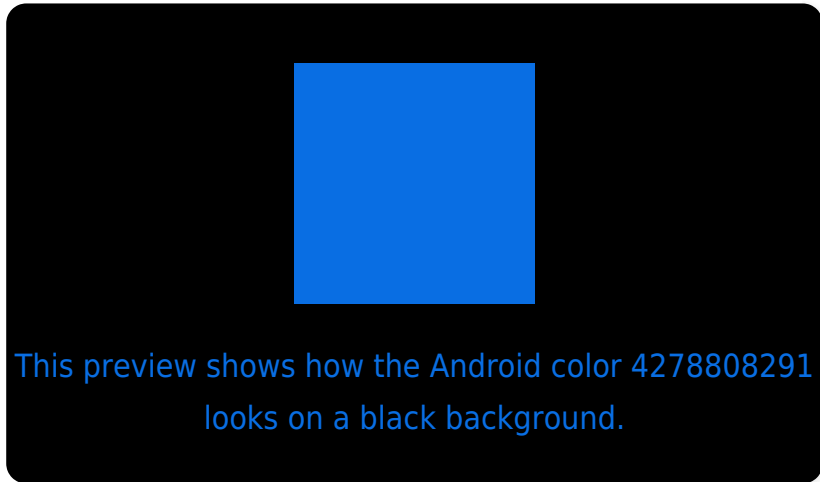
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

# Black Background



## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

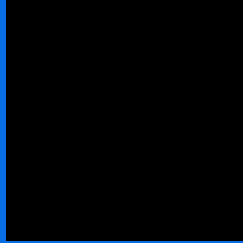
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

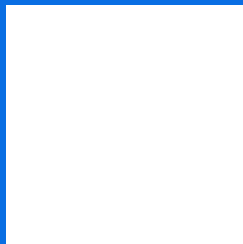
If you want to check with other color combinations, try the [Color Contrast Checker](#).



# Android 4278808291 Background



This preview shows how black text looks on a background with the Android color 4278808291.



This preview shows how white text looks on a background with the Android color 4278808291.

# 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**

4278808291

**Protanopia**

4280446434

**Deuteranopia**

4278219977



# Trichromacy



**Original Color**  
4278808291

**Protanomaly**  
4279856610

**Deuteranomaly**  
4278416082

**Tritanomaly**  
4278417576

# Monochromacy



**Original Color**  
4278808291

**Achromatopsia**  
4284308829

**Achromatomaly**  
4282278798

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4278808291 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(9, 110, 227)` looks like.

```
.text, #text, p{  
    color:rgb(9, 110, 227)  
}
```

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(9, 110, 227) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(9, 110, 227) }
```

## Border

The CSS property to change the border of an element to Android 4278808291 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(9, 110, 227) }
```

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

```
.border{ border-color:rgb(9, 110, 227) }
```

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

Here you see how a box with a 4 pixel `rgb(9, 110, 227)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(9, 110, 227); -webkit-box-  
shadow:4px 4px 4px 4px rgb(9, 110, 227);  
box-shadow:4px 4px 4px 4px rgb(9, 110,  
227) }
```

# Background

The CSS property to change the background color of an element to Android 4278808291 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(9, 110, 227) }
```

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

```
.background{ background-color: rgb(9, 110,  
227) }
```

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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