

# Converting Colors

Android(4278803673)

Have a look what the booklet for  
Android(4278803673) contains.

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# Color

**Android(4278803673)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	095CD9
RGB	9, 92, 217
RGB Percent	4%, 36%, 85%
CMY	0.9647, 0.6392, 0.1490
CMYK	0.96, 0.58, 0.00, 0.15
HSL	216°, 92%, 44%
HSV	216°, 96%, 85%
XYZ	16.4642, 12.7221, 67.2335
YIQ	81.4330, -89.5930, 21.2790

# Conversions

## Conversions Part 2

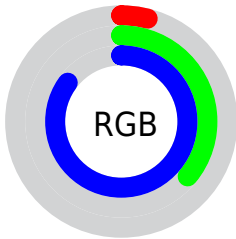
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	9, 68, 217
Decimal	613593
CIE Lab	42.34, 27.25, -69.72
CIE LCh	42, 74.856, 291.347
Yxy	12.7221, 0.1708, 0.1319
Android (android.graphics.Color)	4278803673 (0xFF095CD9)
YUV	81.4330, 66.8345, -63.5237
Hunter-Lab	35.6681, 19.9755, -86.7926

# Details

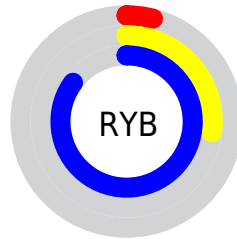
The Android color `4278803673` is a dark color, and the websafe version is hex `3366CC`. The color can be described as dark washed blue. A complement of this color would be `4292445705`, and the grayscale version is `4283519313`.

A 20% lighter version of the original color is `4285107711`, and `4278202529` is the 20% darker color. If you saturate the color by 10%, you get `4278212569`, and if you desaturate by 10%, it is `4280248793`.

# Distribution



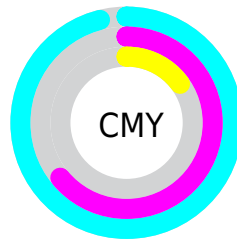
- Red (4%)
- Green (36%)
- Blue (85%)



- Red (4%)
- Yellow (27%)
- Blue (85%)



- Cyan (96%)
- Magenta (58%)
- Yellow (0%)
- Black (15%)



- Cyan (96%)
- Magenta (64%)
- Yellow (15%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4278803673 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 4278803673 by changing the saturation by 10% instead.



 4278803673

 4278803673

4294967295

 4278207933

 4285107711

 4278202529

 4287211775

 4278197638

 4289315839

 4278191724

 4291354367

 4278192979

 4293393407

 4278191674

 4278190628

 4278190092

 4278190080

■ 4278803673

■ 4278803673

■ 4278212569

■ 4280248793

■ 4281628377

■ 4283073497

■ 4284518617

■ 4285898201

■ 4287343321

■ 4288788441

■ 4290233561

■ 4291613145

# Harmonies

## Analogous

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



4278219232



4278803673



4288296626

# Triad

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



4278803673



4289936128



4278221903

# Complementary

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



4278803673



4292445705

# 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.



4278220800



4278803673



4287191808

# Square

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



4278803673



4291493948



4283461120



4278222224

# Rectangle

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



4278803673



4290447757



4283461120



4278221625



# Sweetspot

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



4278803673



4290106367



4278835590



4283655552



4278190080



4286611584



# Same Dimension

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



4278803673



4278216447



4280158681



4284704622



4278207917



4278194734



# Inverse Universe

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



4292413788



4294901862



4291090697



4285424487



4289527877



4281204754



# Previews

## White Background



This preview shows how the Android color 4278803673 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



This preview shows how the Android color 4278803673 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

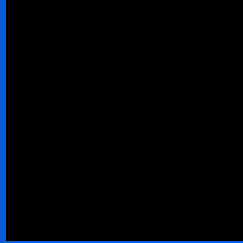
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



# Android 4278803673 Background



This preview shows how black text looks on a background with the Android color 4278803673.



This preview shows how white text looks on a background with the Android color 4278803673.

# 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**

4278803673

**Protanopia**

4278214859

**Deuteranopia**

4278216367



# Trichromacy



**Original Color**  
4278803673

**Protanomaly**  
4278411216

**Deuteranomaly**  
4278411966

**Tritanomaly**  
4278413465

# Monochromacy



**Original Color**  
4278803673

**Achromatopsia**  
4283519313

**Achromatomaly**  
4281816450

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4278803673 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, 92, 217)` looks like.

```
.text, #text, p{  
    color:rgb(9, 92, 217)  
}
```

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, 92, 217) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(9, 92, 217) }
```

## Border

The CSS property to change the border of an element to Android 4278803673 is called "border". The border property can be set on classes, ids or directly on the HTML element.

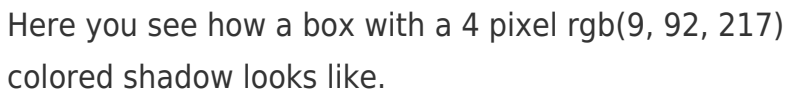
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(9, 92, 217) }
```

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

```
.border{ border-color:rgb(9, 92, 217) }
```

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



Here you see how a box with a 4 pixel `rgb(9, 92, 217)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(9, 92, 217); -webkit-box-  
shadow:4px 4px 4px 4px rgb(9, 92, 217);  
box-shadow:4px 4px 4px 4px rgb(9, 92, 217)  
}
```

# Background

The CSS property to change the background color of an element to Android 4278803673 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(9, 92, 217) }
```

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

```
.background{ background-color: rgb(9, 92,  
217) }
```

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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