

# Converting Colors

Android(4278941405)

Have a look what the booklet for  
Android(4278941405) contains.

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# Color

**Android(4278941405)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	0B76DD
RGB	11, 118, 221
RGB Percent	4%, 46%, 87%
CMY	0.9569, 0.5373, 0.1333
CMYK	0.95, 0.47, 0.00, 0.13
HSL	209°, 91%, 45%
HSV	209°, 95%, 87%
XYZ	19.6676, 18.2485, 70.8923
YIQ	97.7490, -96.8350, 9.3490

# Conversions

## Conversions Part 2

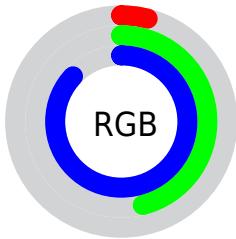
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	11, 82, 221
Decimal	751325
CIE <sub>Lab</sub>	49.80, 12.13, -59.90
CIE <sub>LCh</sub>	50, 61.119, 281.451
Yxy	18.2485, 0.1808, 0.1677
Android (android.graphics.Color)	4278941405 (0xFF0B76DD)
YUV	97.7490, 60.7627, -76.0789
Hunter-Lab	42.7182, 7.4250, -68.4910

# Details

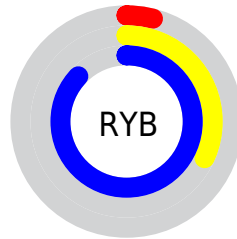
The Android color `4278941405` is a dark color, and the websafe version is hex `0066CC`. The color can be described as dark washed azure. A complement of this color would be `4292702731`, and the grayscale version is `4284572001`.

A 20% lighter version of the original color is `4285114879`, and `4278208421` is the 20% darker color. If you saturate the color by 10%, you get `4278219229`, and if you desaturate by 10%, it is `4280386013`.

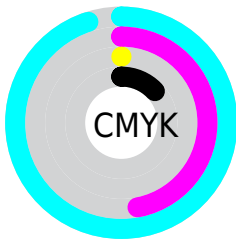
# Distribution



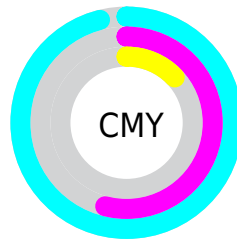
- Red (4%)
- Green (46%)
- Blue (87%)



- Red (4%)
- Yellow (32%)
- Blue (87%)



- Cyan (95%)
- Magenta (47%)
- Yellow (0%)
- Black (13%)



- Cyan (96%)
- Magenta (54%)
- Yellow (13%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4278941405 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 4278941405 by changing the saturation by 10% instead.



 4278941405

 4278941405

4294967295

 4278214337

 4285114879

 4278208421

 4287284479

 4278203018

 4289323263

 4278197872

 4291362303

 4278191191

 4293394431

 4278191679

 4278190888

 4278190353

 4278190080

■ 4278941405

■ 4278941405

■ 4278219229

■ 4280386013

■ 4281830621

■ 4283275229

■ 4284719581

■ 4286229725

■ 4287674333

■ 4289118941

■ 4290563549

■ 4292008157

# Harmonies

## Analogous

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



4278224345



4278941405



4287717317

# Triad

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



4278941405



4291252276



4278226003

# Complementary

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



4278941405



4292702731

# 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.



4282484255



4278941405



4289226752

# Square

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



4278941405



4291968869



4286347776



4278226570

# Rectangle

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



4278941405



4290137769



4286347776



4278225474

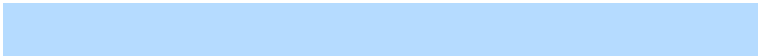


# Sweetspot

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



4278941405



4290108415



4278967665



4283656832



4278190080



4286611584



# Same Dimension

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



4278941405



4278223615



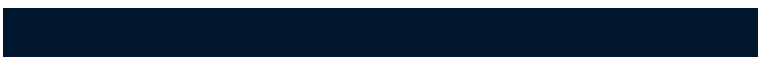
4278914781



4284704878



4278212781



4278196014



# Inverse Universe

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



4292676470



4294901890



4292729355



4285424488



4289527896



4281204759



# Previews

## White Background



This preview shows how the Android color 4278941405 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 4278941405 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 4278941405 Background



This preview shows how black text looks on a background with the Android color 4278941405.



This preview shows how white text looks on a background with the Android color 4278941405.

# 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





# Trichromacy



**Original Color**  
4278941405

**Protanomaly**  
4281168858

**Deuteranomaly**  
4278482903

**Tritanomaly**  
4278484649

# Monochromacy



**Original Color**  
4278941405

**Achromatopsia**  
4284637794

**Achromatomaly**  
4282542479

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4278941405 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, 118, 221)` looks like.

```
.text, #text, p{  
    color:rgb(11, 118, 221)  
}
```

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, 118, 221) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(11, 118, 221) }
```

## Border

The CSS property to change the border of an element to Android 4278941405 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, 118, 221) }
```

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

```
.border{ border-color:rgb(11, 118, 221) }
```

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

Here you see how a box with a 4 pixel `rgb(11, 118, 221)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(11, 118, 221); -webkit-box-  
shadow:4px 4px 4px 4px rgb(11, 118, 221);  
box-shadow:4px 4px 4px 4px rgb(11, 118,  
221) }
```

# Background

The CSS property to change the background color of an element to Android 4278941405 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(11, 118, 221) }
```

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

```
.background{ background-color: rgb(11, 118,  
221) }
```

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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