

# Converting Colors

Android(4278218212)

Have a look what the booklet for  
Android(4278218212) contains.

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# Color

**Android(4278218212)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	006DE4
RGB	0, 109, 228
RGB Percent	0%, 43%, 89%
CMY	1.0000, 0.5725, 0.1059
CMYK	1.00, 0.52, 0.00, 0.11
HSL	211°, 100%, 45%
HSV	211°, 100%, 89%
XYZ	19.4722, 16.5387, 75.5648
YIQ	89.9750, -103.1630, 13.9010

# Conversions

## Conversions Part 2

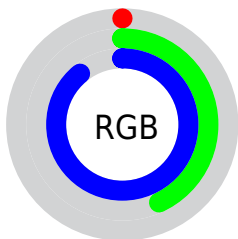
<b>Format</b>	<b>Color</b>
<b>RYB</b>	0, 74, 228
Decimal	28132
CIELab	47.67, 20.30, -67.29
CIELCh	48, 70.286, 286.788
Yxy	16.5387, 0.1745, 0.1482
Android (android.graphics.Color)	4278218212 (0xFF006DE4)
YUV	89.9750, 68.0463, -78.9081
Hunter-Lab	40.6678, 14.2992, -81.6991

# Details

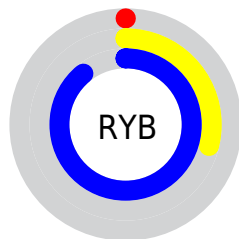
The Android color `4278218212` is a dark color, and the websafe version is hex `3366CC`. The color can be described as dark washed azure. A complement of this color would be `4293162752`, and the grayscale version is `4284045657`.

A 20% lighter version of the original color is `4285178111`, and `4278206380` is the 20% darker color. If you saturate the color by 10%, you get `4278218212`, and if you desaturate by 10%, it is `4279728612`.

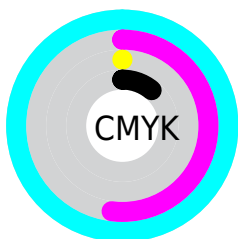
# Distribution



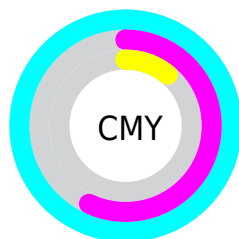
- Red (0%)
- Green (43%)
- Blue (89%)



- Red (0%)
- Yellow (29%)
- Blue (89%)



- Cyan (100%)
- Magenta (52%)
- Yellow (0%)
- Black (11%)



- Cyan (100%)
- Magenta (57%)
- Yellow (11%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4278218212 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 4278218212 by changing the saturation by 10% instead.



 4278218212

 4278218212

4294967295

 4278212039

 4285178111

 4278206380

 4287347455

 4278200976

 4289386239

 4278196598

 4291490559

 4278191708

 4293525503

 4278191940


 4278190893

 4278190359

 4278190080

 4278218212

 4279728612

 4281239012

 4282683876

 4284194276

 4285704676

 4287214820

 4288725220

 4290170084

 4291680484

# Harmonies

## Analogous

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



4278223078



4278218212



4288368579

# Triad

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



4278218212



4291119128



4278225236

# Complementary

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



4278218212



4293162752

# 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.



4279075855



4278218212



4288636160

# Square

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



4278218212



4292290387



4285167872



4278225810

# Rectangle

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



4278218212



4290787233



4285167872



4278224959

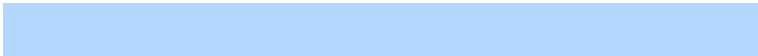


# Sweetspot

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



4278218212



4289976319



4278248566



4283590784



4278190080



4286611584



# Same Dimension

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



4278218212



4278221567



4278452452



4284968307



4278212019



4278196275



# Inverse Universe

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



4293132397



4294901882



4292928512



4285753197



4289921109



4281532440



# Previews

## White Background



This preview shows how the Android color 4278218212 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 4278218212 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

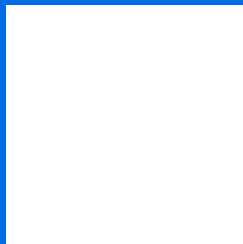
If you want to check with other color combinations, try the [Color Contrast Checker](#).



# Android 4278218212 Background



This preview shows how black text looks on a background with the Android color 4278218212.



This preview shows how white text looks on a background with the Android color 4278218212.

# 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**

4278218212

**Protanopia**

4279987427

**Deuteranopia**

4278219719



# Trichromacy



**Original Color**

4278218212

**Protanomaly**

4279332067

**Deuteranomaly**

4278219218

**Tritanomaly**

4278220712

# Monochromacy



**Original Color**

4278218212

**Achromatopsia**

4284111450

**Achromatomaly**

4281950604

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4278218212 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(0, 109, 228)` looks like.

```
.text, #text, p{  
    color:rgb(0, 109, 228)  
}
```

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(0, 109, 228) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 109, 228) }
```

## Border

The CSS property to change the border of an element to Android 4278218212 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(0, 109, 228) }
```

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

```
.border{ border-color:rgb(0, 109, 228) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 109, 228)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 109, 228); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 109, 228);  
box-shadow:4px 4px 4px 4px rgb(0, 109,  
228) }
```

# Background

The CSS property to change the background color of an element to Android 4278218212 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 109, 228) }
```

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

```
.background{ background-color: rgb(0, 109,  
228) }
```

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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