

# Converting Colors

Android(4278220488)

Have a look what the booklet for  
Android(4278220488) contains.

<b>Android(4278220488)</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(4278220488)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	0076C8
RGB	0, 118, 200
RGB Percent	0%, 46%, 78%
CMY	1.0000, 0.5373, 0.2157
CMYK	1.00, 0.41, 0.00, 0.22
HSL	205°, 100%, 39%
HSV	205°, 100%, 78%
XYZ	16.9038, 17.1270, 57.0585
YIQ	92.0660, -96.6500, 0.4860

# Conversions

## Conversions Part 2

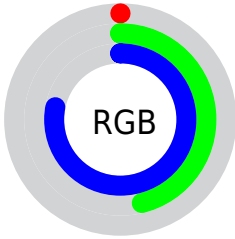
<b>Format</b>	<b>Color</b>
<b>RYB</b>	0, 74, 200
Decimal	30408
CIELab	48.42, 3.51, -50.18
CIELCh	48, 50.298, 274.001
Yxy	17.1270, 0.1856, 0.1880
Android (android.graphics.Color)	4278220488 (0xFF0076C8)
YUV	92.0660, 53.2115, -80.7419
Hunter-Lab	41.3848, 0.4856, -52.7757

# Details

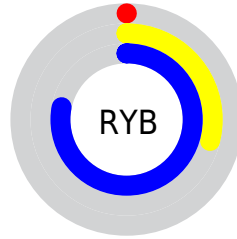
The Android color `4278220488` is a dark color, and the websafe version is hex `0066CC`. The color can be described as dark washed azure. A complement of this color would be `4291318272`, and the grayscale version is `4284243036`.

A 20% lighter version of the original color is `4284590847`, and `4278208401` is the 20% darker color. If you saturate the color by 10%, you get `4278220488`, and if you desaturate by 10%, it is `4279533256`.

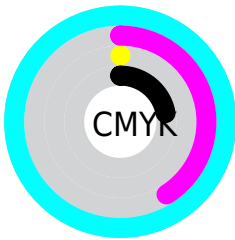
# Distribution



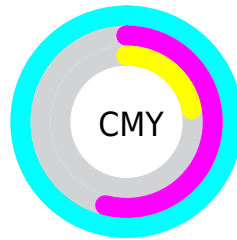
- Red (0%)
- Green (46%)
- Blue (78%)



- Red (0%)
- Yellow (29%)
- Blue (78%)



- Cyan (100%)
- Magenta (41%)
- Yellow (0%)
- Black (22%)



- Cyan (100%)
- Magenta (54%)
- Yellow (22%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4278220488 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 4278220488 by changing the saturation by 10% instead.



 4278220488

 4278220488

4294967295

 4278214316

 4284590847

 4278208401

 4286694911

 4278202743

 4288733695

 4278197598

 4290706943

 4278192198

 4292739071

 4278191150

 4294705151

 4278190361

 4278190080

 4278220488

■ 4279533256

■ 4280846024

■ 4282159048

■ 4283471816

■ 4284784584

■ 4286097352

■ 4287410120

■ 4288723144

■ 4290035912

# Harmonies

## Analogous

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



4278223295



4278220488



4286277050

# Triad

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



4278220488



4290531910



4278224204

# Complementary

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



4278220488



4291318272

# 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.



4283989542



4278220488



4289094436

# Square

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



4278220488



4290726511



4286870290



4278224760

# Rectangle

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



4278220488



4288567718



4286870290



4281303870

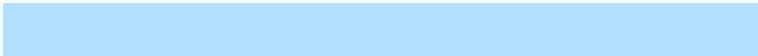


# Sweetspot

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



4278220488



4289978623



4278241360



4283592064



4278190080



4286611584

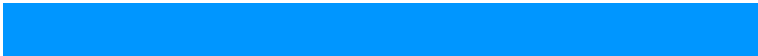


# Same Dimension

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



4278220488



4278228735



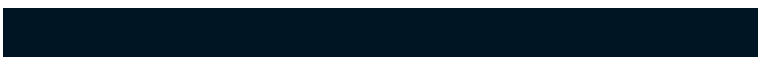
4278195400



4284112739



4278214819



4278195492



# Inverse Universe

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



4291297398



4294901910



4291343360



4284701279



4288872544



4280549397



# Previews

## White Background



This preview shows how the Android color 4278220488 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 4278220488 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 4278220488 Background



This preview shows how black text looks on a background with the Android color 4278220488.



This preview shows how white text looks on a background with the Android color 4278220488.

# 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**  
4278220488

**Protanomaly**  
4281496260

**Deuteranomaly**  
4279989704

**Tritanomaly**  
4278221983

# Monochromacy



**Original Color**  
4278220488

**Achromatopsia**  
4284243036

**Achromatomaly**  
4282082691

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4278220488 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, 118, 200)` looks like.

```
.text, #text, p{  
    color:rgb(0, 118, 200)  
}
```

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, 118, 200) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 118, 200) }
```

## Border

The CSS property to change the border of an element to Android 4278220488 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, 118, 200) }
```

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

```
.border{ border-color:rgb(0, 118, 200) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 118, 200)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 118, 200); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 118, 200);  
box-shadow:4px 4px 4px 4px rgb(0, 118,  
200) }
```

# Background

The CSS property to change the background color of an element to Android 4278220488 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 118, 200) }
```

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

```
.background{ background-color: rgb(0, 118,  
200) }
```

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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