

# Converting Colors

Android(4278210288)

Have a look what the booklet for  
Android(4278210288) contains.

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# Color

**Android(4278210288)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	004EF0
RGB	0, 78, 240
RGB Percent	0%, 31%, 94%
CMY	1.0000, 0.6941, 0.0588
CMYK	1.00, 0.67, 0.00, 0.06
HSL	220°, 100%, 47%
HSV	220°, 100%, 94%
XYZ	18.4526, 11.7400, 83.7316
YIQ	73.1460, -98.4900, 33.8460

# Conversions

## Conversions Part 2

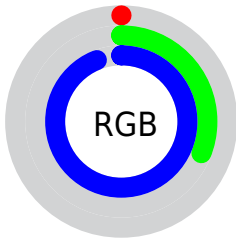
<b>Format</b>	<b>Color</b>
R <sub>YB</sub>	0, 59, 240
Decimal	20208
CIE <sub>Lab</sub>	40.80, 44.69, -85.30
CIE <sub>LCh</sub>	41, 96.301, 297.650
Yxy	11.7400, 0.1620, 0.1031
Android (android.graphics.Color)	4278210288 (0xFF004EF0)
YUV	73.1460, 82.2590, -64.1490
Hunter-Lab	34.2638, 36.1687, -120.9045

# Details

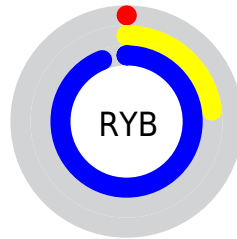
The Android color `4278210288` is a dark color, and the websafe version is hex `0033CC`. The color can be described as dark saturated blue. A complement of this color would be `4293960192`, and the grayscale version is `4282927176`.

A 20% lighter version of the original color is `4285562879`, and `4278199222` is the 20% darker color. If you saturate the color by 10%, you get `4278210288`, and if you desaturate by 10%, it is `4279787248`.

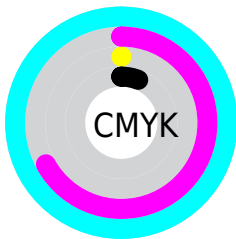
# Distribution



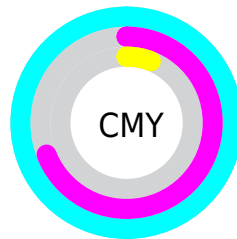
- Red (0%)
- Green (31%)
- Blue (94%)



- Red (0%)
- Yellow (23%)
- Blue (94%)



- Cyan (100%)
- Magenta (67%)
- Yellow (0%)
- Black (6%)



- Cyan (100%)
- Magenta (69%)
- Yellow (6%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4278210288 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 4278210288 by changing the saturation by 10% instead.



 4278210288

 4278210288

4294967295

 4278204371

 4285562879

 4278199222

 4287797759

 4278194587

 4289901823

 4278190208

 4292005887

 4278193509

 4294110207

 4278192460

 4278191413

 4278190623

 4278190081

 4278210288

 4279787248

 4281364208

 4282941424

 4284518384

 4286095344

 4287672304

 4289249264

 4290826480

 4292403440

# Harmonies

## Analogous

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



4278218751



4278210288



4289921207

# Triad

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



4278210288



4290064128



4278221912

# Complementary

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



4278210288



4293960192

# 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



4278210288



4286274560

# Square

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



4278210288



4292411422



4280512512



4278222249

# Rectangle

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



4278210288



4292149380



4280512512



4278221627



# Sweetspot

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



4278210288



4289973247



4278251680



4283588992



4278190080



4286611584



# Same Dimension

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



4278210288



4278211583



4280811760



4285296760



4278205624



4278194744



# Inverse Universe

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



4293918798



4294901843



4291358720



4286082160



4290248764



4281860114



# Previews

## White Background



This preview shows how the Android color 4278210288 looks on a white background.

## Color Contrast Check

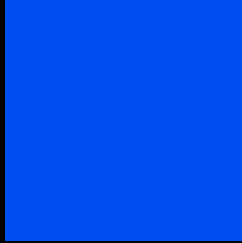
Large Text (above 18pt) WCAG AA ✓ Pass

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 4278210288 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 4278210288 Background



This preview shows how black text looks on a background with the Android color 4278210288.



This preview shows how white text looks on a background with the Android color 4278210288.

# 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**  
4278210288

**Deuteranomaly**  
4278213569

**Tritanomaly**  
4278214815

# Monochromacy



**Original Color**  
4278210288

**Achromatopsia**  
4282992969

**Achromatomaly**  
4281224070

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4278210288 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, 78, 240)` looks like.

```
.text, #text, p{  
    color:rgb(0, 78, 240)  
}
```

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, 78, 240) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 78, 240) }
```

## Border

The CSS property to change the border of an element to Android 4278210288 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, 78, 240) }
```

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

```
.border{ border-color:rgb(0, 78, 240) }
```

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

Here you see how a box with a 4 pixel rgb(0, 78, 240) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 78, 240); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 78, 240);  
box-shadow:4px 4px 4px 4px rgb(0, 78, 240)  
}
```

# Background

The CSS property to change the background color of an element to Android 4278210288 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 78, 240) }
```

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

```
.background{ background-color: rgb(0, 78,  
240) }
```

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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