

# Converting Colors

Android(4278215167)

Have a look what the booklet for  
Android(4278215167) contains.

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# Color

**Android(4278215167)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	0061FF
RGB	0, 97, 255
RGB Percent	0%, 38%, 100%
CMY	1.0000, 0.6196, 0.0000
CMYK	1.00, 0.62, 0.00, 0.00
HSL	217°, 100%, 50%
HSV	217°, 100%, 100%
XYZ	22.3247, 15.7694, 96.4749
YIQ	86.0090, -108.5300, 28.5740

# Conversions

## Conversions Part 2

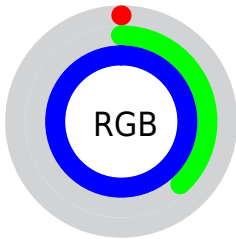
<b>Format</b>	<b>Color</b>
R <sub>YB</sub>	0, 70, 255
Decimal	25087
CIE <sub>Lab</sub>	46.67, 38.37, -84.04
CIE <sub>LCh</sub>	47, 92.385, 294.538
Y <sub>xy</sub>	15.7694, 0.1659, 0.1172
Android (android.graphics.Color)	4278215167 (0xFF0061FF)
YUV	86.0090, 83.3126, -75.4299
Hunter-Lab	39.7107, 30.8560, -116.2443

# Details

The Android color `4278215167` is a dark color, and the websafe version is hex `0066FF`. The color can be described as dark saturated azure. A complement of this color would be `4294942208`, and the grayscale version is `4283782485`.

A 20% lighter version of the original color is `4285699071`, and `4278203589` is the 20% darker color. If you saturate the color by 10%, you get `4278215167`, and if you desaturate by 10%, it is `4279857663`.

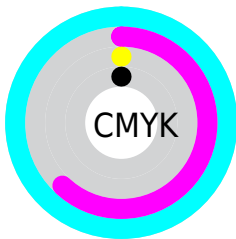
# Distribution



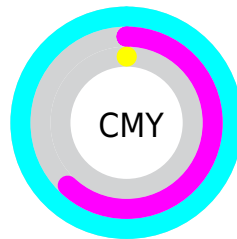
- Red (0%)
- Green (38%)
- Blue (100%)



- Red (0%)
- Yellow (27%)
- Blue (100%)



- Cyan (100%)
- Magenta (62%)
- Yellow (0%)
- Black (0%)



- Cyan (100%)
- Magenta (62%)
- Yellow (0%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4278215167 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 4278215167 by changing the saturation by 10% instead.



 4278215167

 4278215167

4294967295

 4278209250

 4285699071

 4278203589

 4287999487

 4278198697

 4290169343

 4278194829

 4292273663

 4278190963

 4294377471

 4278193497


 4278191937

 4278190890

 4278190356

 4278215167

 4279857663

 4281565695


 4283273471

 4284915967

 4286623999

 4288266495

 4289974527

 4291616767

 4293324799

# Harmonies

## Analogous

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



4278222591



4278215167



4290323146

# Triad

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



4278215167



4291443968



4278225758

# Complementary

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



4278215167



4294942208

# 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.



4278224640



4278215167



4287850240

# Square

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



4278215167



4293591093



4282940672



4278226350

# Rectangle

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



4278215167



4292804762



4282940672



4278225474



# Sweetspot

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



4278215167



4289974527



4278255517



4283589504



4278190080



4286611584



# Same Dimension

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



4278215167



4280156415



4285757568



4278208959



4278196288

# Inverse Universe

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



4294901857



4293000960



4286608248



4290707529



4282384408

# Previews

## White Background



This preview shows how the Android color 4278215167 looks on a white background.

### Color Contrast Check

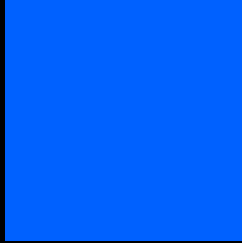
Large Text (above 18pt) WCAG AA ✓ Pass

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 4278215167 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

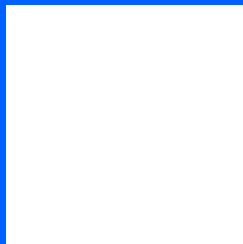
Any Text WCAG AAA × Fail

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

# Android 4278215167 Background



This preview shows how black text looks on a background with the Android color 4278215167.



This preview shows how white text looks on a background with the Android color 4278215167.

# 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**  
4278215167

**Protanopia**  
4278217440

**Deuteranopia**  
4278219200





# Trichromacy



**Original Color**  
4278215167

**Protanomaly**  
4278216683

**Deuteranomaly**  
4278217687

**Tritanomaly**  
4278219183

# Monochromacy



**Original Color**  
4278215167

**Achromatopsia**  
4283848278

**Achromatomaly**  
4281817747

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4278215167 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, 97, 255)` looks like.

```
.text, #text, p{  
    color:rgb(0, 97, 255)  
}
```

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, 97, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 97, 255) }
```

## Border

The CSS property to change the border of an element to Android 4278215167 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, 97, 255) }
```

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

```
.border{ border-color:rgb(0, 97, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 97, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 97, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 97, 255);  
box-shadow:4px 4px 4px 4px rgb(0, 97, 255)  
}
```

# Background

The CSS property to change the background color of an element to Android 4278215167 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 97, 255) }
```

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

```
.background{ background-color: rgb(0, 97,  
255) }
```

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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