

# Converting Colors

Android(4278216703)

Have a look what the booklet for  
Android(4278216703) contains.

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# Color

**Android(4278216703)**

# Conversions

## Conversions Part 1

Format	Color
Hex	0067FF
RGB	0, 103, 255
RGB Percent	0%, 40%, 100%
CMY	1.0000, 0.5961, 0.0000
CMYK	1.00, 0.60, 0.00, 0.00
HSL	216°, 100%, 50%
HSV	216°, 100%, 100%
XYZ	22.9002, 16.9205, 96.6667
YIQ	89.5310, -110.1800, 25.4360

# Conversions

## Conversions Part 2

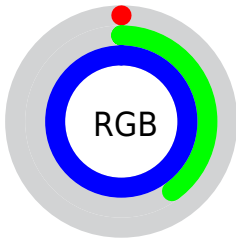
<b>Format</b>	<b>Color</b>
R <sub>YB</sub>	0, 73, 255
Decimal	26623
CIE Lab	48.16, 34.58, -81.60
CIE LCh	48, 88.625, 292.963
Yxy	16.9205, 0.1678, 0.1240
Android (android.graphics.Color)	4278216703 (0xFF0067FF)
YUV	89.5310, 81.5762, -78.5187
Hunter-Lab	41.1345, 27.3884, -110.5382

# Details

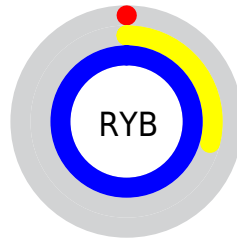
The Android color `4278216703` is a dark color, and the websafe version is hex `0066FF`. The color can be described as dark saturated azure. A complement of this color would be `4294940672`, and the grayscale version is `4284045657`.

A 20% lighter version of the original color is `4285700607`, and `4278205125` is the 20% darker color. If you saturate the color by 10%, you get `4278216703`, and if you desaturate by 10%, it is `4279858943`.

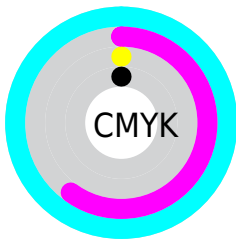
# Distribution



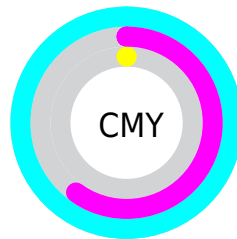
- Red (0%)
- Green (40%)
- Blue (100%)



- Red (0%)
- Yellow (29%)
- Blue (100%)



- Cyan (100%)
- Magenta (60%)
- Yellow (0%)
- Black (0%)



- Cyan (100%)
- Magenta (60%)
- Yellow (0%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4278216703 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 4278216703 by changing the saturation by 10% instead.



 4278216703

 4278216703

4294967295

 4278210786

 4285700607

 4278205125

 4287935743

 4278199977

 4290105343

 4278195854

 4292275199

 4278190451

 4294377471

 4278193497

 4278191937

 4278190890

 4278190356

■ 4278216703

■ 4279858943

■ 4281566719

■ 4283274751

■ 4284916991

■ 4286624767

■ 4288267007

■ 4289974783

■ 4291617279

■ 4293325055

# Harmonies

## Analogous

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



4278223615



4278216703



4290196430

# Triad

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



4278216703



4291707136



4278226782

# Complementary

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



4278216703



4294940672

# 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.



4278225408



4278216703



4288309504

# Square

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



4278216703



4293656638



4283727616



4278227115

# Rectangle

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



4278216703



4292739232



4283727616



4278226499



# Sweetspot

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



4278216703



4289974783



4278255509



4283589760



4278190080



4286611584



# Same Dimension

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



4278216703



4279566591



4285757568



4278209983



4278196800

# Inverse Universe

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



4294901863



4293590784



4286608248



4290707533



4282384410

# Previews

## White Background



This preview shows how the Android color 4278216703 looks on a white background.

## Color Contrast Check

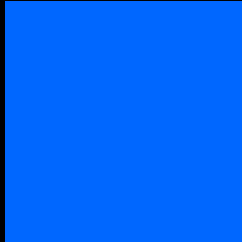
Large Text (above 18pt) WCAG AA ✓ Pass

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 4278216703 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

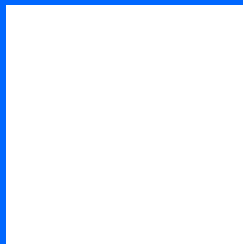
Any Text WCAG AAA × Fail

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

# Android 4278216703 Background



This preview shows how black text looks on a background with the Android color 4278216703.



This preview shows how white text looks on a background with the Android color 4278216703.

# 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**  
4278216703

**Protanopia**  
4278218216

**Deuteranopia**  
4278220231





# Trichromacy



**Original Color**  
4278216703

**Protanomaly**  
4278217712

**Deuteranomaly**  
4278218971

**Tritanomaly**  
4278220466

# Monochromacy



**Original Color**  
4278216703

**Achromatopsia**  
4284111450

**Achromatomaly**  
4281950102

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4278216703 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, 103, 255)` looks like.

```
.text, #text, p{  
    color:rgb(0, 103, 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, 103, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 103, 255) }
```

## Border

The CSS property to change the border of an element to Android 4278216703 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, 103, 255) }
```

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

```
.border{ border-color:rgb(0, 103, 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, 103, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 103, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 103, 255);  
box-shadow:4px 4px 4px 4px rgb(0, 103,  
255) }
```

# Background

The CSS property to change the background color of an element to Android 4278216703 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 103, 255) }
```

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

```
.background{ background-color: rgb(0, 103,  
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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