

# Converting Colors

Android(4278223871)

Have a look what the booklet for  
Android(4278223871) contains.

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# Color

**Android(4278223871)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	0083FF
RGB	0, 131, 255
RGB Percent	0%, 51%, 100%
CMY	1.0000, 0.4863, 0.0000
CMYK	1.00, 0.49, 0.00, 0.00
HSL	209°, 100%, 50%
HSV	209°, 100%, 100%
XYZ	26.1663, 23.4526, 97.7554
YIQ	105.9670, -117.8800, 10.7920

# Conversions

## Conversions Part 2

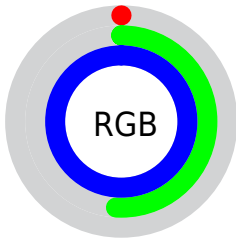
<b>Format</b>	<b>Color</b>
R <sub>YB</sub>	0, 87, 255
Decimal	33791
CIE <sub>Lab</sub>	55.54, 16.92, -69.60
CIE <sub>LCh</sub>	56, 71.631, 283.665
Y <sub>xy</sub>	23.4526, 0.1775, 0.1591
Android (android.graphics.Color)	4278223871 (0xFF0083FF)
YUV	105.9670, 73.4733, -92.9331
Hunter-Lab	48.4279, 11.6974, -85.7819

# Details

The Android color `4278223871` is a dark color, and the websafe version is hex `0066CC`. The color can be described as dark saturated azure. A complement of this color would be `4294933504`, and the grayscale version is `4285098345`.

A 20% lighter version of the original color is `4285577215`, and `4278211525` is the 20% darker color. If you saturate the color by 10%, you get `4278223871`, and if you desaturate by 10%, it is `4279865343`.

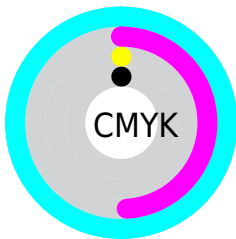
# Distribution



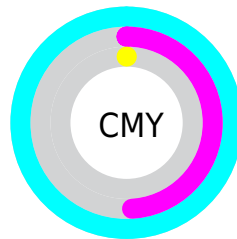
- Red (0%)
- Green (51%)
- Blue (100%)



- Red (0%)
- Yellow (34%)
- Blue (100%)



- Cyan (100%)
- Magenta (49%)
- Yellow (0%)
- Black (0%)



- Cyan (100%)
- Magenta (49%)
- Yellow (0%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4278223871 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 4278223871 by changing the saturation by 10% instead.



 4278223871

 4278223871

4294967295

 4278217442

 4285577215

 4278211525

 4287878143

 4278205865

 4289982463

 4278200718

 4292083711

 4278196084

 4294180863

 4278193498


 4278191938

 4278190891

 4278190357

 4278223871

 4279865343

 4281572607


 4283279615

 4284921343

 4286628351

 4288269823

 4289977087

 4291618559

 4293325823

# Harmonies

## Analogous

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



4278228733



4278223871



4289357536

# Triad

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



4278223871



4293023792



4278230880

# Complementary

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



4278223871



4294933504

# 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.



4282030109



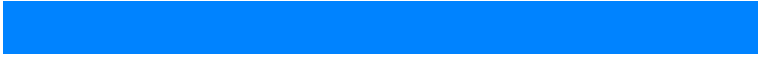
4278223871



4290541056

# Square

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



4278223871



4294066027



4287007488



4278231457

# Rectangle

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



4278223871



4292104381



4287007488

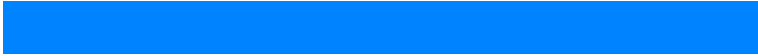


4278230346

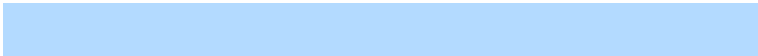


# Sweetspot

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



4278223871



4289977087



4278255483



4283591040



4278190080



4286611584



# Same Dimension

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



4278223871



4278191359



4285757824



4278215359



4278198592

# Inverse Universe

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



4294901891



4294966016



4286608249



4290707554



4282384417

# Previews

## White Background



This preview shows how the Android color 4278223871 looks on a white background.

## Color Contrast Check

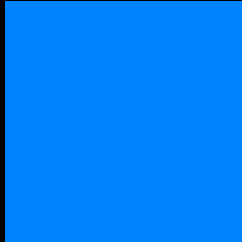
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✗ Fail

Large Text (above 18pt) WCAG AAA ✗ Fail

Any Text WCAG AAA ✗ Fail

# Black Background



This preview shows how the Android color 4278223871 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

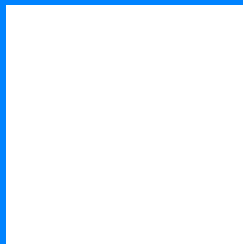
Any Text WCAG AAA × Fail

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

# Android 4278223871 Background



This preview shows how black text looks on a background with the Android color 4278223871.



This preview shows how white text looks on a background with the Android color 4278223871.

# 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**  
4278223871

**Protanomaly**  
4280844797

**Deuteranomaly**  
4278224627

**Tritanomaly**  
4278226368

# Monochromacy



**Original Color**  
4278223871

**Achromatopsia**  
4285164138

**Achromatomaly**  
4282610592

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4278223871 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, 131, 255)` looks like.

```
.text, #text, p{  
    color:rgb(0, 131, 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, 131, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 131, 255) }
```

## Border

The CSS property to change the border of an element to Android 4278223871 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, 131, 255) }
```

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

```
.border{ border-color:rgb(0, 131, 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, 131, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 131, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 131, 255);  
box-shadow:4px 4px 4px 4px rgb(0, 131,  
255) }
```

# Background

The CSS property to change the background color of an element to Android 4278223871 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 131, 255) }
```

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

```
.background{ background-color: rgb(0, 131,  
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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