

# Converting Colors

Android(4278195711)

Have a look what the booklet for  
Android(4278195711) contains.

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# Color

**Android(4278195711)**

# Conversions

## Conversions Part 1

Format	Color
Hex	0015FF
RGB	0, 21, 255
RGB Percent	0%, 8%, 100%
CMY	1.0000, 0.9176, 0.0000
CMYK	1.00, 0.92, 0.00, 0.00
HSL	235°, 100%, 50%
HSV	235°, 100%, 100%
XYZ	18.3182, 7.7563, 95.1394
YIQ	41.3970, -87.6300, 68.3220

# Conversions

## Conversions Part 2

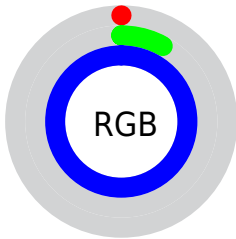
<b>Format</b>	<b>Color</b>
<b>RYB</b>	0, 19, 255
Decimal	5631
CIELab	33.47, 75.58, -105.91
CIElCh	33, 130.113, 305.513
Yxy	7.7563, 0.1511, 0.0640
Android (android.graphics.Color)	4278195711 (0xFF0015FF)
YUV	41.3970, 105.3063, -36.3052
Hunter-Lab	27.8502, 68.6686, -183.0462

# Details

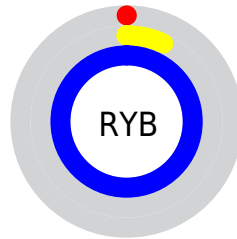
The Android color `4278195711` is a dark color, and the websafe version is hex `3300FF`. The color can be described as dark saturated blue. A complement of this color would be `4294961664`, and the grayscale version is `4280821800`.

A 20% lighter version of the original color is `4286075135`, and `4278190276` is the 20% darker color. If you saturate the color by 10%, you get `4278195711`, and if you desaturate by 10%, it is `4279839999`.

# Distribution



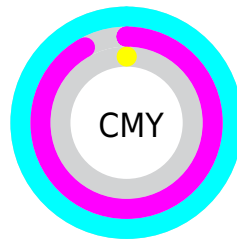
- Red (0%)
- Green (8%)
- Blue (100%)



- Red (0%)
- Yellow (7%)
- Blue (100%)



- Cyan (100%)
- Magenta (92%)
- Yellow (0%)
- Black (0%)



- Cyan (100%)
- Magenta (92%)
- Yellow (0%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4278195711 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 4278195711 by changing the saturation by 10% instead.



 4278195711

 4278195711

4294967295

 4278190305

 4286075135

 4278190276

 4288441343

 4278190248

 4290676479

 4278190220

 4292911615

 4278194545

 4294950655

 4278193240

 4294957823

 4278191935


 4294965503

 4278190889

 4278190354

 4278195711

 4279839999

 4281550079


 4283259903

 4284904447

 4286614271

 4288258559

 4289968639

 4291612927

 4293323007

# Harmonies

## Analogous

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



4278214911



4278195711



4291494055

# Triad

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



4278195711



4288679936



4278217569

# Complementary

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



4278195711



4294961664

# 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.



4278216704



4278195711



4283454208

# Square

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



4278195711



4292280320



4278215680



4278218697

# Rectangle

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



4278195711



4293460068



4278215680



4278217276



# Sweetspot

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



4278195711



4289968639



4278255594



4283585920



4278190080



4286611584



# Same Dimension

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



4278195711



4285137151



4285756544



4278194367



4278191424

# Inverse Universe

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



4294901781



4288020224



4286608244



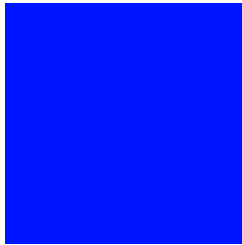
4290707472



4282384389

# Previews

## White Background



This preview shows how the Android color 4278195711 looks on a white background.

## Color Contrast Check

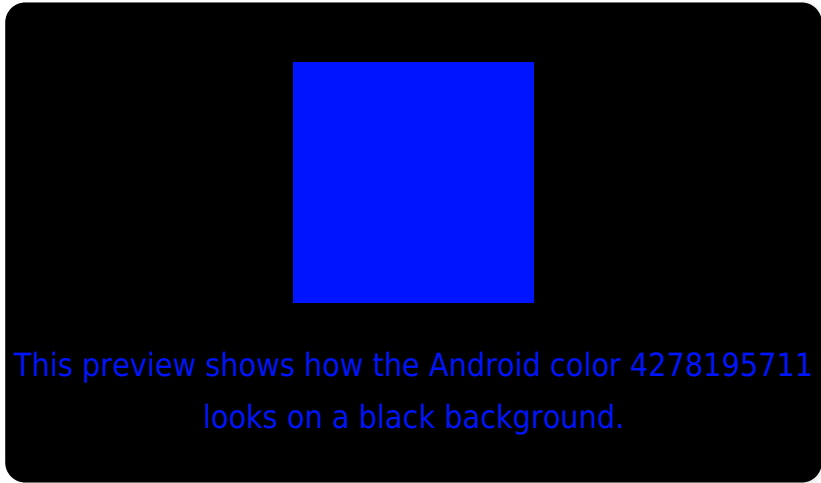
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

# Black Background



## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

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 4278195711 Background



This preview shows how black text looks on a background with the Android color 4278195711.



This preview shows how white text looks on a background with the Android color 4278195711.

# 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**  
4278195711

**Protanopia**  
4278209695

**Deuteranopia**  
4278210951



# Trichromacy



**Original Color**  
4278195711

**Protanomaly**  
4278204610

**Deuteranomaly**  
4278205363

# Monochromacy



**Original Color**  
4278195711

**Achromatopsia**  
4280887593

**Achromatomaly**  
4279902839

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4278195711 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, 21, 255)` looks like.

```
.text, #text, p{  
    color:rgb(0, 21, 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, 21, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 21, 255) }
```

## Border

The CSS property to change the border of an element to Android 4278195711 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, 21, 255) }
```

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

```
.border{ border-color:rgb(0, 21, 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, 21, 255) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 21, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 21, 255);  
box-shadow:4px 4px 4px 4px rgb(0, 21, 255)  
}
```

# Background

The CSS property to change the background color of an element to Android 4278195711 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 21, 255) }
```

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

```
.background{ background-color: rgb(0, 21,  
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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