

# Converting Colors

Android(4279959807)

Have a look what the booklet for  
Android(4279959807) contains.

<b>Android(4279959807)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	11
<b><i>Previews</i></b> .....	21
<b><i>Color Blindness Simulation</i></b> .....	24
<b><i>CSS Examples</i></b> .....	27

# Color

**Android(4279959807)**

# Conversions

## Conversions Part 1

Format	Color
Hex	1B00FF
RGB	27, 0, 255
RGB Percent	11%, 0%, 100%
CMY	0.8941, 1.0000, 0.0000
CMYK	0.89, 1.00, 0.00, 0.00
HSL	246°, 100%, 50%
HSV	246°, 100%, 100%
XYZ	18.5020, 7.4530, 95.0712
YIQ	37.1430, -65.7630, 85.0290

# Conversions

## Conversions Part 2

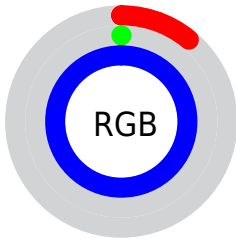
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	27, 0, 255
Decimal	1769727
CIE Lab	32.82, 79.36, -106.99
CIE LCh	33, 133.211, 306.566
Yxy	7.4530, 0.1529, 0.0616
Android (android.graphics.Color)	4279959807 (0xFF1B00FF)
<b>YUV</b>	37.1430, 107.4035, -8.8954
Hunter-Lab	27.3002, 73.1983, -187.3634

# Details

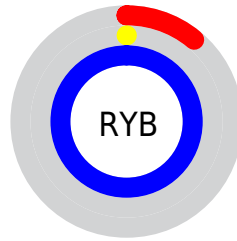
The Android color `4279959807` is a dark color, and the websafe version is hex `0000FF`. The color can be described as dark saturated blue. A complement of this color would be `4293197568`, and the grayscale version is `4280558628`.

A 20% lighter version of the original color is `4286466303`, and `4278190276` is the 20% darker color. If you saturate the color by 10%, you get `4279959807`, and if you desaturate by 10%, it is `4281473535`.

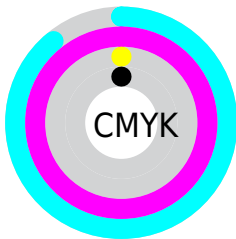
# Distribution



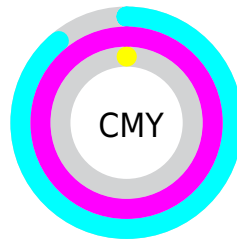
- Red (11%)
- Green (0%)
- Blue (100%)



- Red (11%)
- Yellow (0%)
- Blue (100%)



- Cyan (89%)
- Magenta (100%)
- Yellow (0%)
- Black (0%)





















- Cyan (89%)
- Magenta (100%)
- Yellow (0%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4279959807 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 4279959807 by changing the saturation by 10% instead.



 4279959807	 4279959807
4294967295	 4278190305
 4286466303	 4278190276
 4288832767	 4278190248
 4291002367	 4278190220
 4293237759	 4278194289
 4294949119	 4278193240
 4294956543	 4278191935
 4294963967	 4278190889
	 4278190354

 4279959807

 4281473535

 4282987519


 4284435967

 4285949695

 4287463679

 4288977407

 4290491391

 4291939583

 4293453567

# Harmonies

## Analogous

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



4278214399



4279959807



4291690660

# Triad

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



4279959807



4288483328



4278217316

# Complementary

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



4279959807



4293197568

# 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.



4278216448



4279959807



4283060736

# Square

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



4279959807



4292214784



4278215168



4278218446

# Rectangle

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



4279959807



4293591135



4278215168



4278217022



# Sweetspot

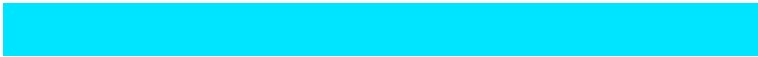
The Sweet Spot groups the original color and five complimentary colors.



4279959807



4290491391



4278248959



4283847296



4278190080



4286611584



# Same Dimension

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



4279959807



4288217343



4285821824



4279500991



4278648896

# Inverse Universe

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



4294901988



4284940032



4286608254



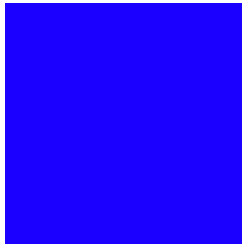
4290707627



4282384441

# Previews

## White Background



This preview shows how the Android color 4279959807 looks on a white background.

## Color Contrast Check

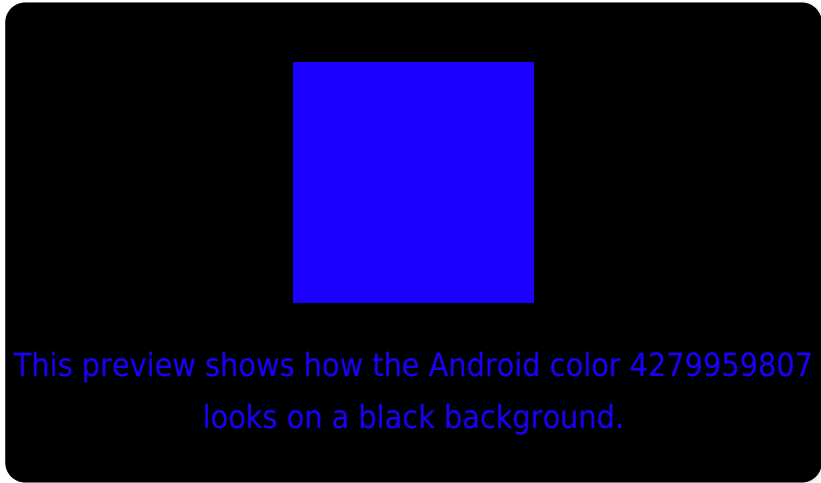
Large Text (above 18pt) WCAG AA ✓ Pass

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 4279959807 Background



This preview shows how black text looks on a background with the Android color 4279959807.



This preview shows how white text looks on a background with the Android color 4279959807.

# 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**  
4279959807

**Protanopia**  
4278209438

**Deuteranopia**  
4278210694





# Trichromacy



**Original Color**  
4279959807

**Protanomaly**  
4278857921

**Deuteranomaly**  
4278858674

**Tritanomaly**  
4278859670

# Monochromacy



**Original Color**  
4279959807

**Achromatopsia**  
4280624421

**Achromatomaly**  
4280359028

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4279959807 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(27, 0, 255)` looks like.

```
.text, #text, p{  
    color:rgb(27, 0, 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(27, 0, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(27, 0, 255) }
```

## Border

The CSS property to change the border of an element to Android 4279959807 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(27, 0, 255) }
```

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

```
.border{ border-color:rgb(27, 0, 255) }
```

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

Here you see how a box with a 4 pixel rgb(27, 0, 255) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(27, 0, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(27, 0, 255);  
box-shadow:4px 4px 4px 4px rgb(27, 0, 255)  
}
```

# Background

The CSS property to change the background color of an element to Android 4279959807 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(27, 0, 255) }
```

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

```
.background{ background-color: rgb(27, 0,  
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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