

# Converting Colors

Android(4280048127)

Have a look what the booklet for  
Android(4280048127) contains.

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# Color

**Android(4280048127)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	1C59FF
RGB	28, 89, 255
RGB Percent	11%, 35%, 100%
CMY	0.8902, 0.6510, 0.0000
CMYK	0.89, 0.65, 0.00, 0.00
HSL	224°, 100%, 55%
HSV	224°, 89%, 100%
XYZ	22.1013, 14.6116, 96.2632
YIQ	89.6850, -89.6420, 38.6940

# Conversions

## Conversions Part 2

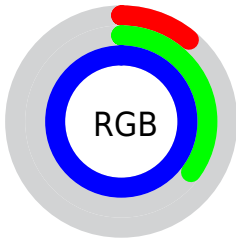
<b>Format</b>	<b>Color</b>
RYP	28, 76, 255
Decimal	1858047
CIELab	45.10, 44.11, -86.61
CIElCh	45, 97.200, 296.991
Yxy	14.6116, 0.1662, 0.1099
Android (android.graphics.Color)	4280048127 (0xFF1C59FF)
YUV	89.6850, 81.5003, -54.0977
Hunter-Lab	38.2252, 36.3122, -122.5536

# Details

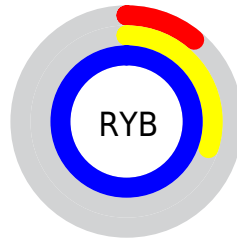
The Android color `4280048127` is a dark color, and the websafe version is hex `3366FF`. The color can be described as dark washed blue. A complement of this color would be `4294951452`, and the grayscale version is `4284045657`.

A 20% lighter version of the original color is `4286155775`, and `4278201541` is the 20% darker color. If you saturate the color by 10%, you get `4278404863`, and if you desaturate by 10%, it is `4281756927`.

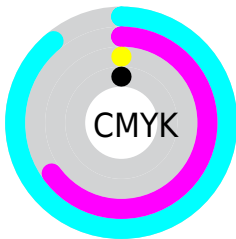
# Distribution



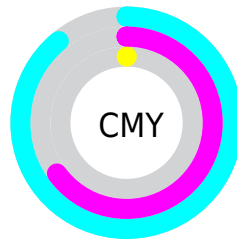
- Red (11%)
- Green (35%)
- Blue (100%)



- Red (11%)
- Yellow (30%)
- Blue (100%)



- Cyan (89%)
- Magenta (65%)
- Yellow (0%)
- Black (0%)



- Cyan (89%)
- Magenta (65%)
- Yellow (0%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4280048127 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 4280048127 by changing the saturation by 10% instead.



 4280048127

 4280048127

4294967295

 4278207202

 4286155775

 4278201541

 4288390655

 4278196905

 4290560255

 4278192781

 4292664575

 4278191219

 4294769151

 4278193497

 4278191937

 4278190890

 4278190356

■ 4280048127

■ 4280048127

■ 4278404863

■ 4281756927

■ 4278207999

■ 4283399935

■ 4285108735

■ 4286751999

■ 4288460543

■ 4290103807

■ 4291812607

■ 4293455615

4294967295

# Harmonies

## Analogous

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



4278221567



4280048127



4290642117

# Triad

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



4280048127



4291049728



4278224992

# Complementary

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



4280048127



4294951452

# 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.



4278223872



4280048127



4287194624

# Square

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



4280048127



4293460008



4281694976



4278225587

# Rectangle

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



4280048127



4293066898



4281694976



4278224707



# Sweetspot

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



4280048127



4290432511



4280090559



4283916928



4278190080



4286611584



# Same Dimension

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



4280048127



4278207999



4283243775



4285757056



4278203327



4278194496



# Inverse Universe

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



4294909017



4294901829



4291755804



4286608246



4290707507



4282384401



# Previews

## White Background



This preview shows how the Android color 4280048127 looks on a white background.

## Color Contrast Check

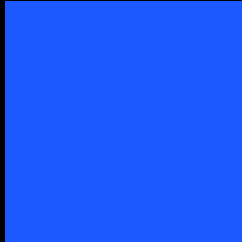
Large Text (above 18pt) WCAG AA ✓ Pass

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 4280048127 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 4280048127 Background



This preview shows how black text looks on a background with the Android color 4280048127.



This preview shows how white text looks on a background with the Android color 4280048127.

# 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**  
4280048127

**Protanopia**  
4278216407

**Deuteranopia**  
4278218168



# Trichromacy



**Original Color**  
4280048127

**Protanomaly**  
4278870502

**Deuteranomaly**  
4278871762

**Tritanomaly**  
4278873004

# Monochromacy



**Original Color**  
4280048127

**Achromatopsia**  
4284111450

**Achromatomaly**  
4282604182

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4280048127 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(28, 89, 255)` looks like.

```
.text, #text, p{  
    color:rgb(28, 89, 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(28, 89, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(28, 89, 255) }
```

## Border

The CSS property to change the border of an element to Android 4280048127 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(28, 89, 255) }
```

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

```
.border{ border-color:rgb(28, 89, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(28, 89, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(28, 89, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(28, 89, 255);  
box-shadow:4px 4px 4px 4px rgb(28, 89,  
255) }
```

# Background

The CSS property to change the background color of an element to Android 4280048127 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(28, 89, 255) }
```

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

```
.background{ background-color: rgb(28, 89,  
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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