

# Converting Colors

Android(4279401466)

Have a look what the booklet for  
Android(4279401466) contains.

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# Color

**Android(4279401466)**

# Conversions

## Conversions Part 1

Format	Color
Hex	127BFA
RGB	18, 123, 250
RGB Percent	7%, 48%, 98%
CMY	0.9294, 0.5176, 0.0196
CMYK	0.93, 0.51, 0.00, 0.02
HSL	213°, 96%, 53%
HSV	213°, 93%, 98%
XYZ	24.5877, 21.1966, 93.2379
YIQ	106.0830, -103.3470, 17.2370

# Conversions

## Conversions Part 2

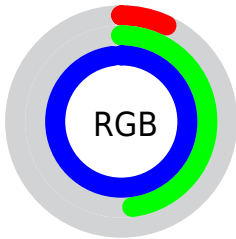
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	18, 90, 250
Decimal	1211386
CIE Lab	53.16, 20.47, -70.67
CIE LCh	53, 73.577, 286.151
Yxy	21.1966, 0.1769, 0.1525
Android (android.graphics.Color)	4279401466 (0xFF127BFA)
YUV	106.0830, 70.9511, -77.2488
Hunter-Lab	46.0398, 14.7589, -87.8438

# Details

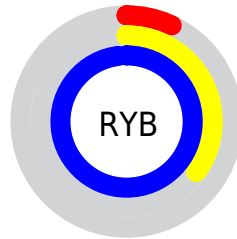
The Android color `4279401466` is a dark color, and the websafe version is hex `3366CC`. The color can be described as dark washed azure. A complement of this color would be `4294611218`, and the grayscale version is `4285098345`.

A 20% lighter version of the original color is `4285706239`, and `4278209728` is the 20% darker color. If you saturate the color by 10%, you get `4278219258`, and if you desaturate by 10%, it is `4281043450`.

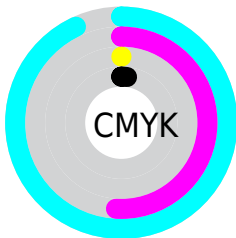
# Distribution



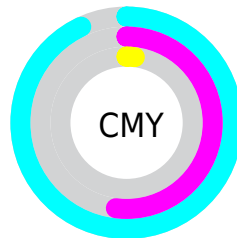
- Red (7%)
- Green (48%)
- Blue (98%)



- Red (7%)
- Yellow (35%)
- Blue (98%)



- Cyan (93%)
- Magenta (51%)
- Yellow (0%)
- Black (2%)



- Cyan (93%)
- Magenta (52%)
- Yellow (2%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4279401466 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 4279401466 by changing the saturation by 10% instead.



 4279401466

 4279401466

4294967295

 4278215645

 4285706239

 4278209728

 4287941375

 4278204069

 4290045695

 4278199178

 4292149247

 4278194031

 4294246399

 4278193238

 4278191678

 4278190887

 4278190352

■ 4279401466

■ 4279401466

■ 4278219258

■ 4281043450

■ 4282685178

■ 4284327162

■ 4285969146

■ 4287610874

■ 4289252858

■ 4290894842

■ 4292536570

■ 4294178554

# Harmonies

## Analogous

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



4278226939



4279401466



4289420504

# Triad

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



4279401466



4292498211



4278229342

# Complementary

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



4279401466



4294611218

# 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.



4280390423



4279401466



4289818880

# Square

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



4279401466



4293735264



4286220032



4278229921

# Rectangle

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



4279401466



4292035507



4286220032



4278228808



# Sweetspot

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



4279401466



4290304255



4279433870



4283721856



4278190080



4286611584



# Same Dimension

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



4279401466



4278219775



4279898874



4285560445



4278212029



4278197309



# Inverse Universe

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



4294578811



4294901875



4294113810



4286410870



4290576469



4282187804



# Previews

## White Background



This preview shows how the Android color 4279401466 looks on a white background.

## Color Contrast Check

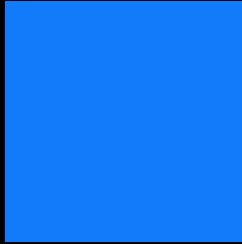
Large Text (above 18pt) WCAG AA ✓ Pass

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 4279401466 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

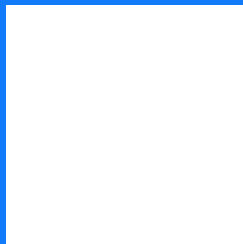
If you want to check with other color combinations, try the [Color Contrast Checker](#).



# Android 4279401466 Background



This preview shows how black text looks on a background with the Android color 4279401466.



This preview shows how white text looks on a background with the Android color 4279401466.

# 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**

4279401466

**Protanomaly**

4280515321

**Deuteranomaly**

4278681577

**Tritanomaly**

4278683322

# Monochromacy



**Original Color**

4279401466

**Achromatopsia**

4285164138

**Achromatomaly**

4283068574

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4279401466 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(18, 123, 250)` looks like.

```
.text, #text, p{  
    color:rgb(18, 123, 250)  
}
```

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(18, 123, 250) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(18, 123, 250) }
```

## Border

The CSS property to change the border of an element to Android 4279401466 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(18, 123, 250) }
```

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

```
.border{ border-color:rgb(18, 123, 250) }
```

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

Here you see how a box with a 4 pixel `rgb(18, 123, 250)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(18, 123, 250); -webkit-box-  
shadow:4px 4px 4px 4px rgb(18, 123, 250);  
box-shadow:4px 4px 4px 4px rgb(18, 123,  
250) }
```

# Background

The CSS property to change the background color of an element to Android 4279401466 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(18, 123, 250) }
```

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

```
.background{ background-color: rgb(18, 123,  
250) }
```

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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