

# Converting Colors

Android(4279989483)

Have a look what the booklet for  
Android(4279989483) contains.

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# Color

**Android(4279989483)**

# Conversions

## Conversions Part 1

Format	Color
Hex	1B74EB
RGB	27, 116, 235
RGB Percent	11%, 45%, 92%
CMY	0.8941, 0.5451, 0.0784
CMYK	0.89, 0.51, 0.00, 0.08
HSL	214°, 84%, 51%
HSV	214°, 89%, 92%
XYZ	21.6928, 18.7220, 81.0676
YIQ	102.9550, -91.2430, 18.1410

# Conversions

## Conversions Part 2

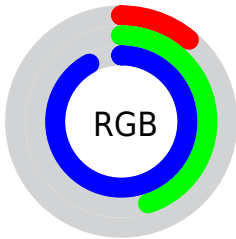
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	27, 89, 235
Decimal	1799403
CIE Lab	50.36, 19.52, -66.86
CIE LCh	50, 69.648, 286.279
Yxy	18.7220, 0.1786, 0.1541
Android (android.graphics.Color)	4279989483 (0xFF1B74EB)
YUV	102.9550, 65.0982, -66.6125
Hunter-Lab	43.2689, 13.7702, -80.7963

# Details

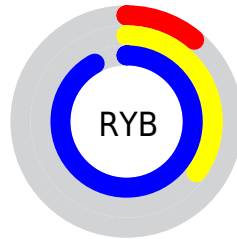
The Android color `4279989483` is a dark color, and the websafe version is hex `3366CC`. The color can be described as dark washed azure. A complement of this color would be `4293628443`, and the grayscale version is `4284900966`.

A 20% lighter version of the original color is `4285638655`, and `4278207922` is the 20% darker color. If you saturate the color by 10%, you get `4278413291`, and if you desaturate by 10%, it is `4281500139`.

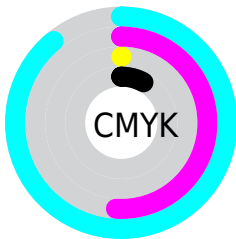
# Distribution



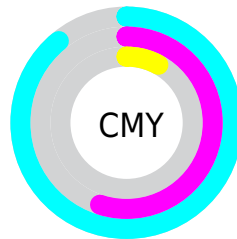
- Red (11%)
- Green (45%)
- Blue (92%)



- Red (11%)
- Yellow (35%)
- Blue (92%)



- Cyan (89%)
- Magenta (51%)
- Yellow (0%)
- Black (8%)



- Cyan (89%)
- Magenta (55%)
- Yellow (8%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4279989483 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 4279989483 by changing the saturation by 10% instead.



 4279989483

 4279989483

4294967295

 4278213838

 4285638655

 4278207922

 4287808255

 4278202519

 4289912575

 4278197628

 4291951359

 4278190691

 4293984255

 4278192458

 4278191154

 4278190620

 4278190080

■ 4279989483

■ 4279989483

■ 4278413291

■ 4281500139

■ 4278216171

■ 4283076587

■ 4284587243

■ 4286163691

■ 4287674347

■ 4289250795

■ 4290761451

■ 4292337899

■ 4293848555

# Harmonies

## Analogous

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



4278224876



4279989483



4288763851

# Triad

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



4279989483



4291710753



4278227034

# Complementary

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



4279989483



4293628443

# 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.



4280388376



4279989483



4289161984

# Square

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



4279989483



4292817498



4285759232



4278227608

# Rectangle

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



4279989483



4291248553



4285759232



4278226757



# Sweetspot

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



4279989483



4290435327



4280019857



4283918464



4278190080



4286611584



# Same Dimension

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



4279989483



4278218239



4280884203



4285165429



4278209973



4278196022



# Inverse Universe

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



4293598068



4294901869



4292733723



4285885039



4290052173



4281729047



# Previews

## White Background



This preview shows how the Android color 4279989483 looks on a white background.

## Color Contrast Check

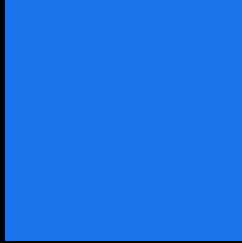
Large Text (above 18pt) WCAG AA ✓ Pass

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 4279989483 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

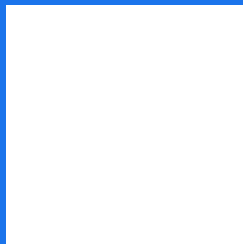
If you want to check with other color combinations, try the [Color Contrast Checker](#).



# Android 4279989483 Background



This preview shows how black text looks on a background with the Android color 4279989483.

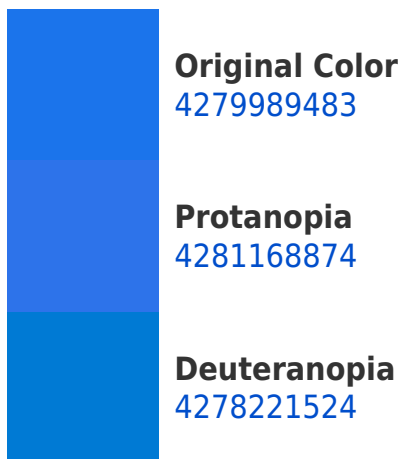


This preview shows how white text looks on a background with the Android color 4279989483.

# 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**

4279989483

**Protanomaly**

4280710122

**Deuteranomaly**

4278876380

**Tritanomaly**

4278877871

# Monochromacy



**Original Color**

4279989483

**Achromatopsia**

4284966759

**Achromatomaly**

4283133079

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4279989483 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, 116, 235)` looks like.

```
.text, #text, p{  
    color:rgb(27, 116, 235)  
}
```

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, 116, 235) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(27, 116, 235) }
```

## Border

The CSS property to change the border of an element to Android 4279989483 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, 116, 235) }
```

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

```
.border{ border-color:rgb(27, 116, 235) }
```

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

Here you see how a box with a 4 pixel `rgb(27, 116, 235)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(27, 116, 235); -webkit-box-  
shadow:4px 4px 4px 4px rgb(27, 116, 235);  
box-shadow:4px 4px 4px 4px rgb(27, 116,  
235) }
```

# Background

The CSS property to change the background color of an element to Android 4279989483 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(27, 116, 235) }
```

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

```
.background{ background-color: rgb(27, 116,  
235) }
```

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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