

# Converting Colors

Android(4279989215)

Have a look what the booklet for  
Android(4279989215) contains.

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# Color

**Android(4279989215)**

# Conversions

## Conversions Part 1

Format	Color
Hex	1B73DF
RGB	27, 115, 223
RGB Percent	11%, 45%, 87%
CMY	0.8941, 0.5490, 0.1255
CMYK	0.88, 0.48, 0.00, 0.13
HSL	213°, 78%, 49%
HSV	213°, 88%, 87%
XYZ	19.9020, 17.8222, 72.2031
YIQ	101.0000, -87.1160, 14.9320

# Conversions

## Conversions Part 2

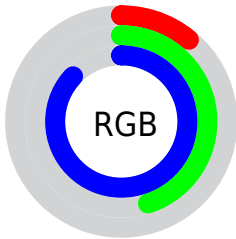
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	27, 88, 223
Decimal	1799135
CIE Lab	49.28, 15.53, -61.85
CIE LCh	49, 63.775, 284.094
Yxy	17.8222, 0.1810, 0.1621
Android (android.graphics.Color)	4279989215 (0xFF1B73DF)
YUV	101.0000, 60.1460, -64.8980
Hunter-Lab	42.2163, 10.2715, -71.8530

# Details

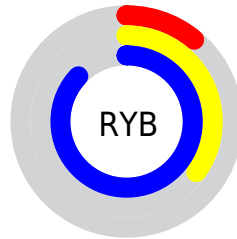
The Android color `4279989215` is a dark color, and the websafe version is hex `0066CC`. The color can be described as dark washed azure. A complement of this color would be `4292839195`, and the grayscale version is `4284769380`.

A 20% lighter version of the original color is `4285441791`, and `4278207655` is the 20% darker color. If you saturate the color by 10%, you get `4278544351`, and if you desaturate by 10%, it is `4281434079`.

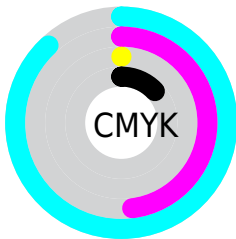
# Distribution



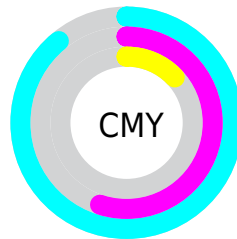
- Red (11%)
- Green (45%)
- Blue (87%)



- Red (11%)
- Yellow (35%)
- Blue (87%)



- Cyan (88%)
- Magenta (48%)
- Yellow (0%)
- Black (13%)



- Cyan (89%)
- Magenta (55%)
- Yellow (13%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4279989215 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 4279989215 by changing the saturation by 10% instead.



 4279989215

 4279989215

4294967295

 4278213571

 4285441791

 4278207655

 4287545855

 4278202252

 4289584639

 4278197362

 4291623423

 4278190937

 4293656575

 4278191936

 4278190889

 4278190355

 4278190080

■ 4279989215

■ 4279989215

■ 4278544351

■ 4281434079

■ 4278215903

■ 4282944735

■ 4284389599

■ 4285834463

■ 4287344863

■ 4288789983

■ 4290234847

■ 4291679711

■ 4293190367

# Harmonies

## Analogous

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



4278223838



4279989215



4288109252

# Triad

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



4279989215



4291186475



4278226005

# Complementary

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



4279989215



4292839195

# 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.



4281632285



4279989215



4289030144

# Square

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



4279989215



4292098398



4285954816



4278226318

# Rectangle

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



4279989215



4290463653



4285954816



4278225475



# Sweetspot

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



4279989215



4290632447



4280016775



4283984512



4278190080



4286611584



# Same Dimension

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



4279989215



4278219519



4280622047



4284836464



4278210480



4278195760



# Inverse Universe

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



4292811635



4294901874



4292206363



4285556074



4289724495



4281335830



# Previews

## White Background



This preview shows how the Android color 4279989215 looks on a white background.

## Color Contrast Check

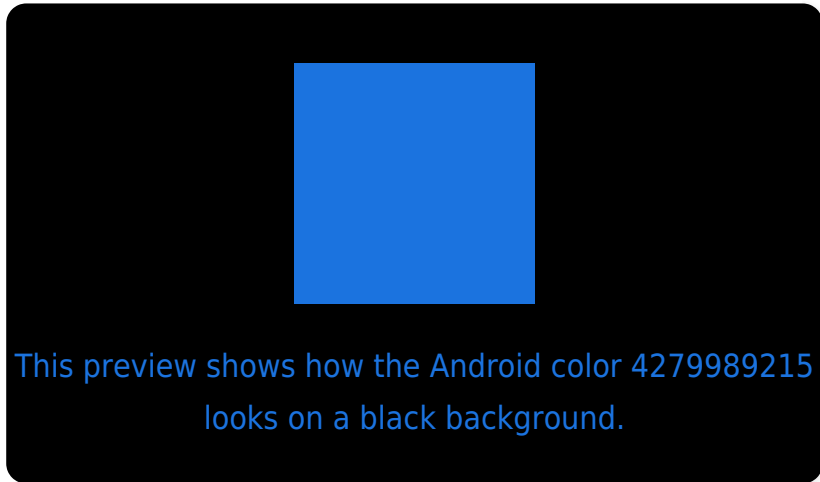
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

# Black Background



## 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

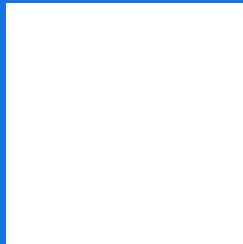
If you want to check with other color combinations, try the [Color Contrast Checker](#).



# Android 4279989215 Background



This preview shows how black text looks on a background with the Android color 4279989215.



This preview shows how white text looks on a background with the Android color 4279989215.

# 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**  
4279989215

**Protanomaly**  
4281234142

**Deuteranomaly**  
4278875861

**Tritanomaly**  
4278877353

# Monochromacy



**Original Color**  
4279989215

**Achromatopsia**  
4284835173

**Achromatomaly**  
4283067025

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4279989215 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, 115, 223)` looks like.

```
.text, #text, p{  
    color:rgb(27, 115, 223)  
}
```

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, 115, 223) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(27, 115, 223) }
```

## Border

The CSS property to change the border of an element to Android 4279989215 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, 115, 223) }
```

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

```
.border{ border-color:rgb(27, 115, 223) }
```

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

Here you see how a box with a 4 pixel `rgb(27, 115, 223)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(27, 115, 223); -webkit-box-  
shadow:4px 4px 4px 4px rgb(27, 115, 223);  
box-shadow:4px 4px 4px 4px rgb(27, 115,  
223) }
```

# Background

The CSS property to change the background color of an element to Android 4279989215 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(27, 115, 223) }
```

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

```
.background{ background-color: rgb(27, 115,  
223) }
```

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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