

# Converting Colors

Android(4278204889)

Have a look what the booklet for  
Android(4278204889) contains.

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# Color

**Android(4278204889)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	0039D9
RGB	0, 57, 217
RGB Percent	0%, 22%, 85%
CMY	1.0000, 0.7765, 0.1490
CMYK	1.00, 0.74, 0.00, 0.15
HSL	224°, 100%, 43%
HSV	224°, 100%, 85%
XYZ	13.9875, 7.9360, 66.4402
YIQ	58.1970, -85.3320, 37.6760

# Conversions

## Conversions Part 2

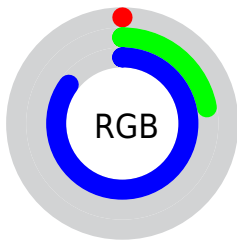
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	0, 45, 217
Decimal	14809
CIE Lab	33.85, 49.11, -83.69
CIE LCh	34, 97.036, 300.406
Yxy	7.9360, 0.1583, 0.0898
Android (android.graphics.Color)	4278204889 (0xFF0039D9)
YUV	58.1970, 78.2899, -51.0388
Hunter-Lab	28.1709, 39.3303, -120.1139

# Details

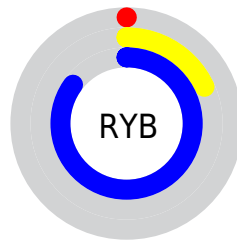
The Android color `4278204889` is a dark color, and the websafe version is hex `0033CC`. The color can be described as dark washed blue. A complement of this color would be `4292452352`, and the grayscale version is `4282006074`.

A 20% lighter version of the original color is `4285164031`, and `4278193825` is the 20% darker color. If you saturate the color by 10%, you get `4278204889`, and if you desaturate by 10%, it is `4279650777`.

# Distribution



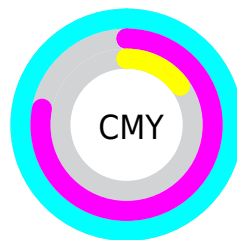
- Red (0%)
- Green (22%)
- Blue (85%)



- Red (0%)
- Yellow (18%)
- Blue (85%)



- Cyan (100%)
- Magenta (74%)
- Yellow (0%)
- Black (15%)



- Cyan (100%)
- Magenta (78%)
- Yellow (15%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4278204889 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 4278204889 by changing the saturation by 10% instead.



 4278204889

 4278204889

4294967295

 4278199228

 4285164031


 4278193825

 4287398655

 4278190213

 4289502719

 4278190443

 4291541247

 4278192978

 4293645567

 4278191418

 4294963455

 4278190627

 4278190090

 4278190080

■ 4278204889

■ 4279650777

■ 4281031129

■ 4282477017

■ 4283922905

■ 4285368793

■ 4286749145

■ 4288195033

■ 4289640921

■ 4291021273

# Harmonies

## Analogous

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



4278214128



4278204889



4289003678

# Triad

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



4278204889



4288291072



4278217039

# Complementary

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



4278204889



4292452352

# 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.



4278216192



4278204889



4284567040

# Square

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



4278204889



4290838534



4278214400



4278217629

# Rectangle

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



4278204889



4290969708



4278214400



4278216755



# Sweetspot

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



4278204889



4289972223



4278245791



4283588224



4278190080



4286611584



# Same Dimension

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



4278204889



4278207487



4281532633



4284704366



4278202029



4278193198



# Inverse Universe

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



4292411449



4294901827



4289124608



4285424486



4289527854



4281204748



# Previews

## White Background



This preview shows how the Android color 4278204889 looks on a white background.

## Color Contrast Check

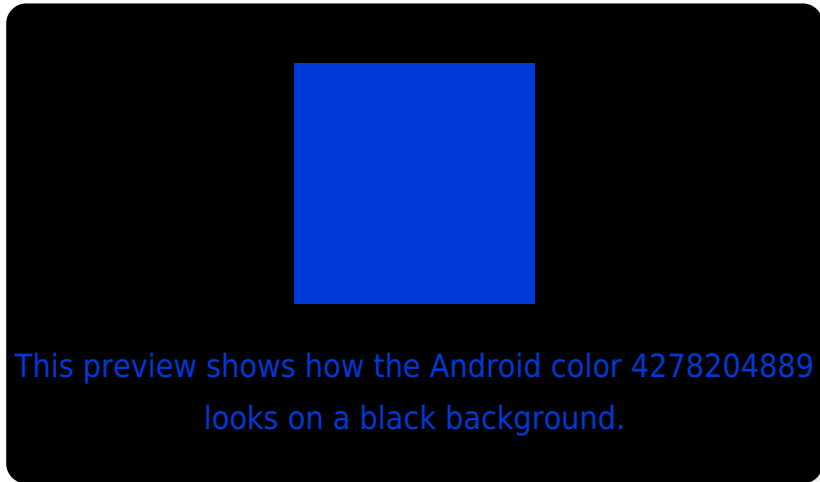
Large Text (above 18pt) WCAG AA ✓ Pass

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

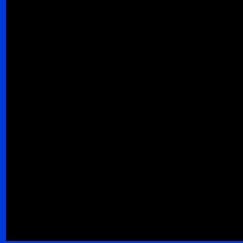
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



# Android 4278204889 Background



This preview shows how black text looks on a background with the Android color 4278204889.



This preview shows how white text looks on a background with the Android color 4278204889.

# 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**

4278204889

**Protanopia**

4278209953

**Deuteranopia**

4278211209



# Trichromacy



**Original Color**  
4278204889

**Protanomaly**  
4278208181

**Deuteranomaly**  
4278208934

**Tritanomaly**  
4278209930

# Monochromacy



**Original Color**  
4278204889

**Achromatopsia**  
4282006074

**Achromatomaly**  
4280629876

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4278204889 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(0, 57, 217)` looks like.

```
.text, #text, p{  
    color:rgb(0, 57, 217)  
}
```

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(0, 57, 217) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 57, 217) }
```

## Border

The CSS property to change the border of an element to Android 4278204889 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(0, 57, 217) }
```

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

```
.border{ border-color:rgb(0, 57, 217) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 57, 217)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 57, 217); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 57, 217);  
box-shadow:4px 4px 4px 4px rgb(0, 57, 217)  
}
```

# Background

The CSS property to change the background color of an element to Android 4278204889 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 57, 217) }
```

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

```
.background{ background-color: rgb(0, 57,  
217) }
```

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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