

Converting Colors

Android(4278719209)

Have a look what the booklet for
Android(4278719209) contains.

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Color

Android(4278719209)

Conversions

Conversions Part 1

Format	Color
Hex	0812E9
RGB	8, 18, 233
RGB Percent	3%, 7%, 91%
CMY	0.9686, 0.9294, 0.0863
CMYK	0.97, 0.92, 0.00, 0.09
HSL	237°, 93%, 47%
HSV	237°, 97%, 91%
XYZ	15.0244, 6.3674, 77.5280
YIQ	39.5200, -74.9750, 64.7450

Conversions

Conversions Part 2

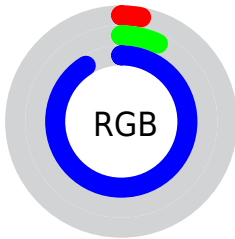
Format	Color
R_{YB}	8, 18, 233
Decimal	529129
CIE _{Lab}	30.32, 70.69, -98.73
CIE _{LCh}	30, 121.425, 305.602
Yxy	6.3674, 0.1519, 0.0644
Android (android.graphics.Color)	4278719209 (0xFF0812E9)
YUV	39.5200, 95.3856, -27.6430
Hunter-Lab	25.2338, 62.1215, -164.4983

Details

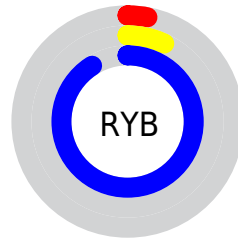
The Android color `4278719209` is a dark color, and the websafe version is hex `0033FF`. The color can be described as dark washed blue. A complement of this color would be `4293517064`, and the grayscale version is `4280756007`.

A 20% lighter version of the original color is `4285811711`, and `4278190255` is the 20% darker color. If you saturate the color by 10%, you get `4278192873`, and if you desaturate by 10%, it is `4280232169`.

Distribution



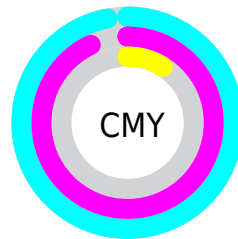
- Red (3%)
- Green (7%)
- Blue (91%)



- Red (3%)
- Yellow (7%)
- Blue (91%)



- Cyan (97%)
- Magenta (92%)
- Yellow (0%)
- Black (9%)



- Cyan (97%)
- Magenta (93%)
- Yellow (9%)

Brightness & Saturation Gradients

These gradients show how the Android color 4278719209 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 4278719209 by changing the saturation by 10% instead.



4278719209



4278719209

4294967295



4278190284



4285811711



4278190255



4288046847



4278190228



4290216447



4278190713



4292386047



4278193759



4294490367



4278192198



4294956543



4278191151



4294963967



4278190361



4278190080

■ 4278719209

■ 4278719209

■ 4278192873

■ 4280232169

■ 4281810921

■ 4283323881

■ 4284836841

■ 4286415337

■ 4287928553

■ 4289441513

■ 4290954473

■ 4292532969

Harmonies

Analogous

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



4278212607



4278719209



4290379928

Triad

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



4278719209



4287761920



4278215256

Complementary

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



4278719209



4293517064

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.



4278214400



4278719209



4282927872

Square

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



4278719209



4291100672



4278213376



4278216120

Rectangle

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



4278719209



4292149338



4278213376



4278214967

Sweetspot

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



4278719209



4290099455



4278774238



4283651456



4278190080



4286611584

Same Dimension

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



4278719209



4278193151



4285335785



4285164149



4278192309



4278190646

Inverse Universe

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



4293462034



4294901771



4286900488



4285885034



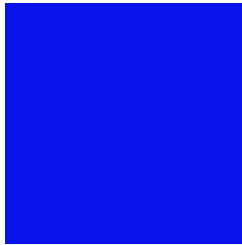
4290052104



4281729026

Previews

White Background



This preview shows how the Android color 4278719209 looks on a white background.

Color Contrast Check

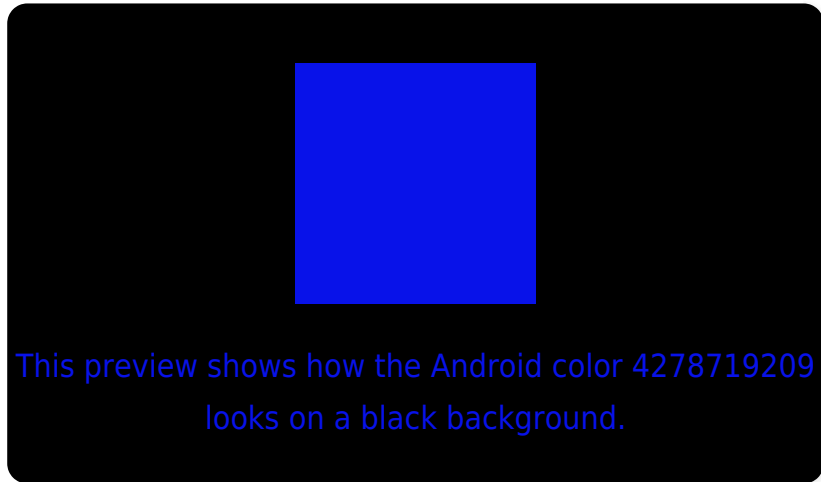
Large Text (above 18pt) WCAG AA ✓ Pass

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

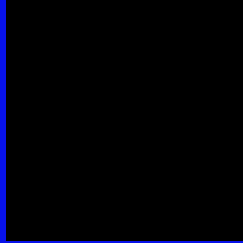
Any Text WCAG AA × Fail

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 4278719209 Background



This preview shows how black text looks on a background with the Android color 4278719209.



This preview shows how white text looks on a background with the Android color 4278719209.

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
4278719209

Protanopia
4278207889

Deuteranopia
4278209147

Trichromacy



Original Color
4278719209

Protanomaly
4278399665

Deuteranomaly
4278400675

Tritanomaly
4278401418

Monochromacy



Original Color
4278719209

Achromatopsia
4280821800

Achromatomaly
4280033390

CSS Examples

Text

The CSS property to change the color of the text to Android 4278719209 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(8, 18, 233)` looks like.

```
.text, #text, p{  
    color:rgb(8, 18, 233)  
}
```

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(8, 18, 233) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(8, 18, 233) }
```

Border

The CSS property to change the border of an element to Android 4278719209 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(8, 18, 233) }
```

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

```
.border{ border-color:rgb(8, 18, 233) }
```

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

Here you see how a box with a 4 pixel `rgb(8, 18, 233)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(8, 18, 233); -webkit-box-  
shadow:4px 4px 4px 4px rgb(8, 18, 233);  
box-shadow:4px 4px 4px 4px rgb(8, 18, 233)  
}
```

Background

The CSS property to change the background color of an element to Android 4278719209 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(8, 18, 233) }
```

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

```
.background{ background-color: rgb(8, 18,  
233) }
```

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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