

# Converting Colors

Android(4278718609)

Have a look what the booklet for  
Android(4278718609) contains.

<b>Android(4278718609)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

# Color

**Android(4278718609)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	081091
RGB	8, 16, 145
RGB Percent	3%, 6%, 57%
CMY	0.9686, 0.9373, 0.4314
CMYK	0.94, 0.89, 0.00, 0.43
HSL	236°, 90%, 30%
HSV	236°, 94%, 57%
XYZ	5.3963, 2.4665, 26.9797
YIQ	28.3140, -46.1770, 38.4230

# Conversions

## Conversions Part 2

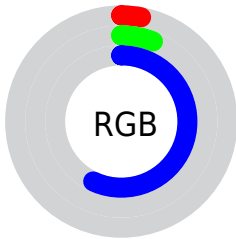
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	8, 16, 145
Decimal	528529
CIE <sub>Lab</sub>	17.77, 46.63, -67.40
CIE <sub>LCh</sub>	18, 81.956, 304.674
Yxy	2.4665, 0.1549, 0.0708
Android (android.graphics.Color)	4278718609 (0xFF081091)
YUV	28.3140, 57.5262, -17.8154
Hunter-Lab	15.7052, 33.8479, -90.8596

# Details

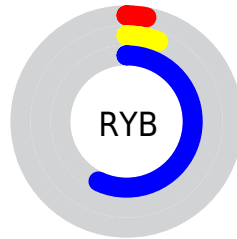
The Android color **4278718609** is a dark color, and the websafe version is hex **330099**. A complement of this color would be **4287727880**, and the grayscale version is **4280032284**.

A 20% lighter version of the original color is **4284039368**, and **4278190173** is the 20% darker color. If you saturate the color by 10%, you get **4278192273**, and if you desaturate by 10%, it is **4279705233**.

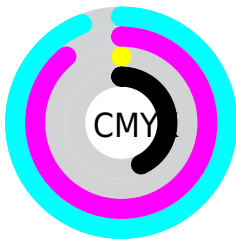
# Distribution



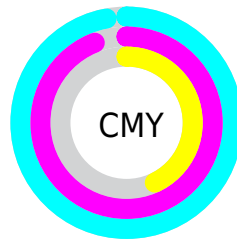
- Red (3%)
- Green (6%)
- Blue (57%)



- Red (3%)
- Yellow (6%)
- Blue (57%)



- Cyan (94%)
- Magenta (89%)
- Yellow (0%)
- Black (43%)



- Cyan (97%)
- Magenta (94%)
- Yellow (43%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4278718609 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 4278718609 by changing the saturation by 10% instead.



 4278718609

 4278718609

 4294966271

 4278190198

 4284039368

 4278190173

 4286011621

 4278192196

 4287984383

 4278190893

 4289891583

 4278190359

 4291864319

 4278190080

 4293837567

 4294958847

 4278718609

 4278718609

■ 4278192273

■ 4279705233

■ 4280626065

■ 4281612689

■ 4282533777

■ 4283520145

■ 4284441233

■ 4285427857

■ 4286348689

■ 4287335313

# Harmonies

## Analogous

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



4278203816



4278718609



4285661280

# Triad

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



4278718609



4284221696



4278206004

# Complementary

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



4278718609



4287727880

# 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.



4278205440



4278718609



4281281792

# Square

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



4278718609



4286316544



4278204416



4278206576

# Rectangle

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



4278718609



4286840889



4278204416



4278205727



# Sweetspot

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



4278718609



4287138749



4278751624



4282269790



4292796126



4284374622



# Same Dimension

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



4278718609



4278193085



4282583185



4282401095



4278192263



4278190088



# Inverse Universe

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



4287694864



4290576395



4283863304



4282859585



4287037448

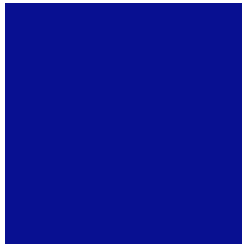


4278714368



# Previews

## White Background



This preview shows how the Android color 4278718609 looks on a white background.

## Color Contrast Check

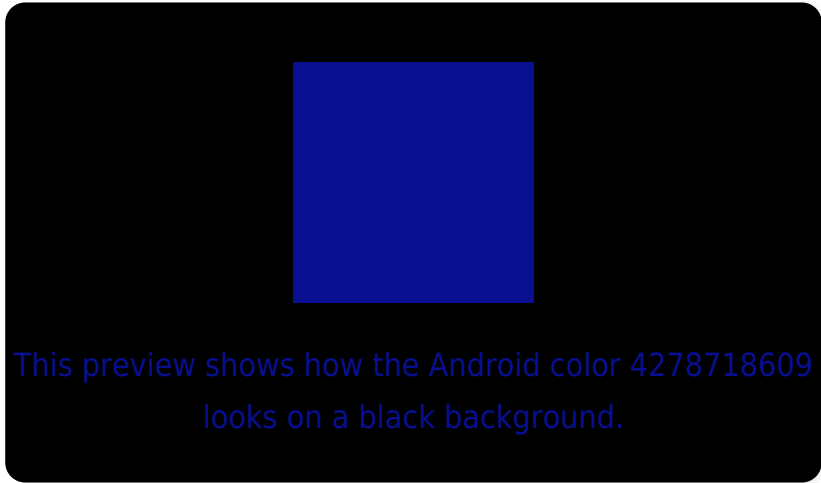
Large Text (above 18pt) WCAG AA ✓ Pass

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 4278718609 Background



This preview shows how black text looks on a background with the Android color 4278718609.



This preview shows how white text looks on a background with the Android color 4278718609.

# 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**

4278718609

**Protanopia**

4278201436

**Deuteranopia**

4278202190



# Trichromacy



**Original Color**  
4278718609

**Protanomaly**  
4278395503

**Deuteranomaly**  
4278396006

**Tritanomaly**  
4278396502

# Monochromacy



**Original Color**  
4278718609

**Achromatopsia**  
4280032284

**Achromatomaly**  
4279572551

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4278718609 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, 16, 145)` looks like.

```
.text, #text, p{  
    color:rgb(8, 16, 145)  
}
```

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, 16, 145) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(8, 16, 145) }
```

## Border

The CSS property to change the border of an element to Android 4278718609 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, 16, 145) }
```

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

```
.border{ border-color:rgb(8, 16, 145) }
```

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

Here you see how a box with a 4 pixel `rgb(8, 16, 145)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(8, 16, 145); -webkit-box-  
shadow:4px 4px 4px 4px rgb(8, 16, 145);  
box-shadow:4px 4px 4px 4px rgb(8, 16, 145)  
}
```

# Background

The CSS property to change the background color of an element to Android 4278718609 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(8, 16, 145) }
```

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

```
.background{ background-color: rgb(8, 16,  
145) }
```

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](#).



# Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

**[Learn more, Memberships starting at \\$2.50/m!](#)**

**Follow me  
on Twitter!**

@ConvertingColor