

# Converting Colors

Android(4278788608)

Have a look what the booklet for  
Android(4278788608) contains.

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# Color

**Android(4278788608)**

# Conversions

## Conversions Part 1

Format	Color
Hex	092200
RGB	9, 34, 0
RGB Percent	4%, 13%, 0%
CMY	0.9647, 0.8667, 1.0000
CMYK	0.74, 0.00, 1.00, 0.87
HSL	104°, 100%, 7%
HSV	104°, 100%, 13%
XYZ	0.6847, 1.2021, 0.1959
YIQ	22.6490, -3.9860, -15.8740

# Conversions

## Conversions Part 2

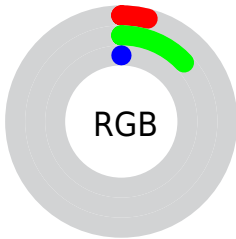
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	<a href="#">0, 34, 25</a>
Decimal	<a href="#">598528</a>
CIELab	<a href="#">10.57, -17.53, 15.43</a>
CIELCh	<a href="#">11, 23.349, 138.646</a>
Yxy	<a href="#">1.2021, 0.3287, 0.5772</a>
Android (android.graphics.Color)	<a href="#">4278788608 (0xFF092200)</a>
YUV	<a href="#">22.6490, -11.1660, -11.9702</a>
Hunter-Lab	<a href="#">10.9642, -8.0404, 6.6153</a>

# Details

The Android color **4278788608** is a dark color, and the websafe version is hex **003300**. A complement of this color would be **4279828514**, and the grayscale version is **4279703319**.

A 20% lighter version of the original color is **4281552687**, and **4278190080** is the 20% darker color. If you saturate the color by 10%, you get **4278788608**, and if you desaturate by 10%, it is **4278919683**.

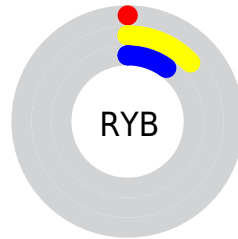
# Distribution



Red (4%)

Green (13%)

Blue (0%)



Red (0%)

Yellow (13%)

Blue (10%)

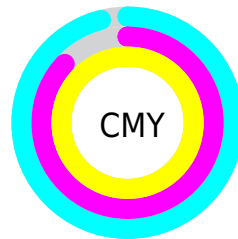


Cyan (74%)

Magenta (0%)

Yellow (100%)

Black (87%)



Cyan (96%)

Magenta (87%)

Yellow (100%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4278788608 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 4278788608 by changing the saturation by 10% instead.




 4278788608

 4278788608

 4293525474

 4278191104

 4281552687

 4278190080


 4283131718

 4284711006

 4286356086

 4288066960

 4289843627

 4291685830

 4278788608

■ 4278919683

■ 4279116295

■ 4279247370

■ 4279443982

■ 4279575057

■ 4279771668

■ 4279968280

■ 4280099355

■ 4280295967

# Harmonies

## Analogous

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



4280033024



4278788608



4278199318

# Triad

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



4278788608



4278198332



4281928979

# Complementary

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



4278788608



4279828514

# 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.



4281732387



4278788608



4279245627

# Square

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



4278788608



4278199092



4280947762



4281668352

# Rectangle

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



4278788608



4278199329



4280947762



4281928729



# Sweetspot

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



4278788608



4280429342



4280424704



4279310095



4288059030



4279703319



# Same Dimension

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



4278788608



4278921984



4278198792



4279308816



4279652864



4281848064



# Inverse Universe

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



4279828514



4280287275



4280418330



4279308306



4282122322

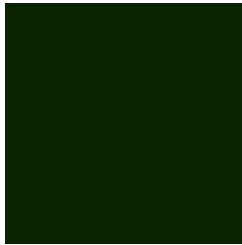


4288282833



# Previews

## White Background



This preview shows how the Android color 4278788608 looks on a white background.

## Color Contrast Check

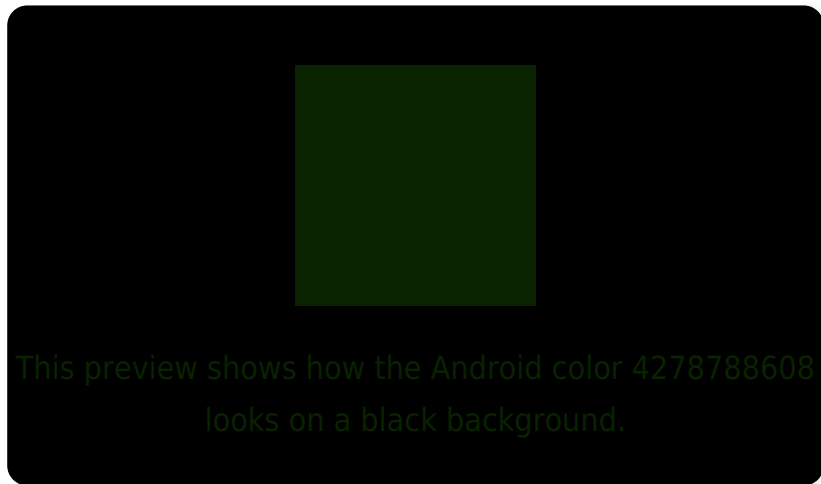
Large Text (above 18pt) WCAG AA ✓ Pass

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 4278788608 Background



This preview shows how black text looks on a background with the Android color 4278788608.



This preview shows how white text looks on a background with the Android color 4278788608.

# 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**  
4278788608

**Protanopia**  
4280360192

**Deuteranopia**  
4280622087



# Trichromacy



**Original Color**

4278788608

**Protanomaly**

4279770880

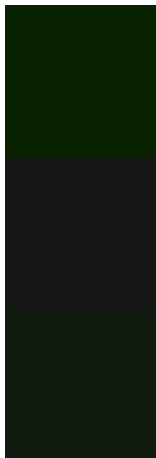
**Deuteranomaly**

4279967236

**Tritanomaly**

4279050518

# Monochromacy



**Original Color**

4278788608

**Achromatopsia**

4279703319

**Achromatomaly**

4279376655

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4278788608 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(9, 34, 0)` looks like.

```
.text, #text, p{  
    color:rgb(9, 34, 0)  
}
```

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(9, 34, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(9, 34, 0) }
```

## Border

The CSS property to change the border of an element to Android 4278788608 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(9, 34, 0) }
```

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

```
.border{ border-color:rgb(9, 34, 0) }
```

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

Here you see how a box with a 4 pixel rgb(9, 34, 0) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(9, 34, 0); -webkit-box-shadow:4px  
4px 4px 4px rgb(9, 34, 0); box-shadow:4px  
4px 4px 4px rgb(9, 34, 0) }
```

# Background

The CSS property to change the background color of an element to Android 4278788608 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(9, 34, 0) }
```

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

```
.background{ background-color: rgb(9, 34,  
0) }
```

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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