

# Converting Colors

Android(4278401808)

Have a look what the booklet for  
Android(4278401808) contains.

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# Color

**Android(4278401808)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	033B10
RGB	3, 59, 16
RGB Percent	1%, 23%, 6%
CMY	0.9882, 0.7686, 0.9373
CMYK	0.95, 0.00, 0.73, 0.77
HSL	134°, 90%, 12%
HSV	134°, 95%, 23%
XYZ	1.6950, 3.1847, 1.0156
YIQ	37.3540, -19.5730, -25.2450

# Conversions

## Conversions Part 2

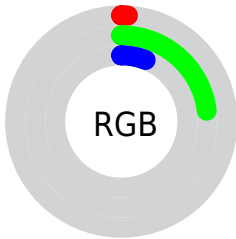
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	3, 48, 59
Decimal	211728
CIE Lab	20.77, -27.85, 21.29
CIE LCh	21, 35.062, 142.602
Yxy	3.1847, 0.2875, 0.5402
Android (android.graphics.Color)	4278401808 (0xFF033B10)
YUV	37.3540, -10.5275, -30.1285
Hunter-Lab	17.8457, -14.2755, 9.1179

# Details

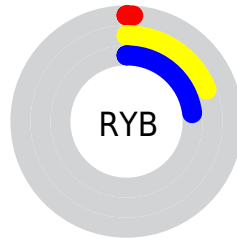
The Android color **4278401808** is a dark color, and the websafe version is hex **003300**. A complement of this color would be **4282057518**, and the grayscale version is **4280624421**.

A 20% lighter version of the original color is **4281953084**, and **4278191360** is the 20% darker color. If you saturate the color by 10%, you get **4278205198**, and if you desaturate by 10%, it is **4278795029**.

# Distribution



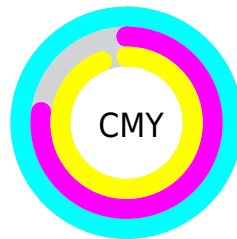
- Red (1%)
- Green (23%)
- Blue (6%)



- Red (1%)
- Yellow (19%)
- Blue (23%)



- Cyan (95%)
- Magenta (0%)
- Yellow (73%)
- Black (77%)



- Cyan (99%)
- Magenta (77%)
- Yellow (94%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4278401808 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 4278401808 by changing the saturation by 10% instead.




 4278401808

 4278401808

 4294246387

 4278199552

 4281953084

 4278191360

 4283598163

 4278190080

 4285243244

 4286954117

 4288730784

 4290572987

 4292411351

 4278401808

 4278401808

■ 4278205198

■ 4278795029

■ 4279188249

■ 4279581470

■ 4279974690

■ 4280367911

■ 4280695595

■ 4281088816

■ 4281482036

■ 4281875257

# Harmonies

## Analogous

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



4281087488



4278401808



4278205739

# Triad

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



4278401808



4278204261



4284422176

# Complementary

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



4278401808



4282057518

# 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.



4284225338



4278401808



4280495714

# Square

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



4278401808



4278205531



4283048274



4283769606

# Rectangle

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



4278401808



4278206012



4283048274



4284421672



# Sweetspot

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



4278401808



4281814332



4281285379



4279838236



4289111718



4280690214



# Same Dimension

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



4278401808



4278209810



4278401835



4280033052



4278214166



4278246964



# Inverse Universe

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



4282057518



4283236411



4282057491



4280228894



4284350536

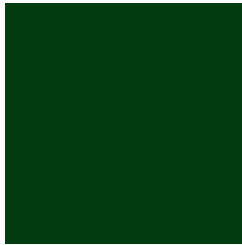


4292739242



# Previews

## White Background



This preview shows how the Android color 4278401808 looks on a white background.

## Color Contrast Check

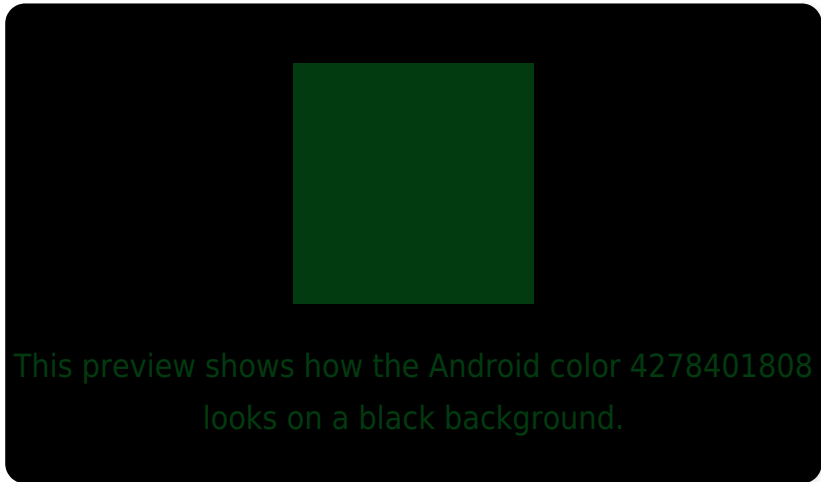
Large Text (above 18pt) WCAG AA ✓ Pass

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 4278401808 Background



This preview shows how black text looks on a background with the Android color 4278401808.



This preview shows how white text looks on a background with the Android color 4278401808.

# 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**  
4278401808

**Protanopia**  
4281938702

**Deuteranopia**  
4282331156



# Trichromacy



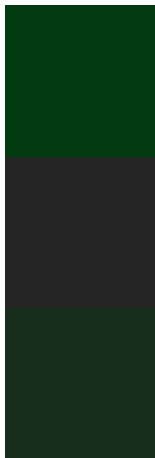
**Original Color**  
4278401808

**Protanomaly**  
4280628751

**Deuteranomaly**  
4280890387

**Tritanomaly**  
4279253036

# Monochromacy



**Original Color**  
4278401808

**Achromatopsia**  
4280624421

**Achromatomaly**  
4279840029

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4278401808 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(3, 59, 16)` looks like.

```
.text, #text, p{  
    color:rgb(3, 59, 16)  
}
```

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(3, 59, 16) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(3, 59, 16) }
```

## Border

The CSS property to change the border of an element to Android 4278401808 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(3, 59, 16) }
```

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

```
.border{ border-color:rgb(3, 59, 16) }
```

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

Here you see how a box with a 4 pixel `rgb(3, 59, 16)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(3, 59, 16); -webkit-box-shadow:4px  
4px 4px 4px rgb(3, 59, 16); box-shadow:4px  
4px 4px 4px rgb(3, 59, 16) }
```

# Background

The CSS property to change the background color of an element to Android 4278401808 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(3, 59, 16) }
```

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

```
.background{ background-color: rgb(3, 59,  
16) }
```

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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