

# Converting Colors

Android(4278657040)

Have a look what the booklet for  
Android(4278657040) contains.

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# Color

**Android(4278657040)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	072010
RGB	7, 32, 16
RGB Percent	3%, 13%, 6%
CMY	0.9725, 0.8745, 0.9373
CMYK	0.78, 0.00, 0.50, 0.87
HSL	142°, 64%, 8%
HSV	142°, 78%, 13%
XYZ	0.6977, 1.1156, 0.6688
YIQ	22.7010, -9.7640, -10.2760

# Conversions

## Conversions Part 2

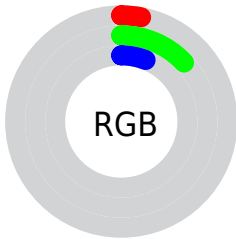
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	7, 25, 32
Decimal	466960
CIE <sub>Lab</sub>	9.92, -14.18, 7.54
CIE <sub>LCh</sub>	10, 16.057, 152.005
Yxy	1.1156, 0.2811, 0.4495
Android (android.graphics.Color)	4278657040 (0xFF072010)
YUV	22.7010, -3.3036, -13.7698
Hunter-Lab	10.5622, -6.6935, 3.6395

# Details

The Android color **4278657040** is a dark color, and the websafe version is hex **003333**. A complement of this color would be **4280289047**, and the grayscale version is **4279703319**.

A 20% lighter version of the original color is **4281551930**, and **4278190080** is the 20% darker color. If you saturate the color by 10%, you get **4278460430**, and if you desaturate by 10%, it is **4278853650**.

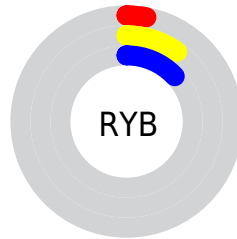
# Distribution



Red (3%)

Green (13%)

Blue (6%)



Red (3%)

Yellow (10%)

Blue (13%)

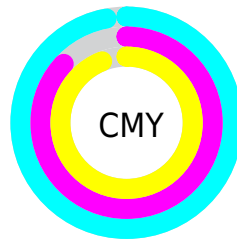


Cyan (78%)

Magenta (0%)

Yellow (50%)

Black (87%)



Cyan (97%)

Magenta (87%)

Yellow (94%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4278657040 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 4278657040 by changing the saturation by 10% instead.




 4278657040

 4278657040

 4293394416

 4278190080

 4281551930


 4283065425

 4284644714

 4286289795

 4288000669

 4289777080

 4291554003

 4278657040

 4278657040

■ 4278460430

■ 4278853650

■ 4278263820

■ 4279050260

■ 4278198284

■ 4279312406

■ 4279509016

■ 4279705626

■ 4279902236

■ 4280098846

■ 4280360992

■ 4280557602

# Harmonies

## Analogous

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



4279705091



4278657040



4278198556

# Triad

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



4278657040



4278721585



4281275151

# Complementary

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



4278657040



4280289047

# 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.



4281274907



4278657040



4280096814

# Square

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



4278657040



4278198062



4280882214



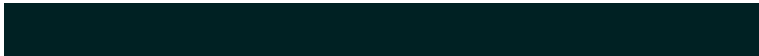
4280948482

# Rectangle

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



4278657040



4278198563



4280882214



4281340692



# Sweetspot

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



4278657040



4280232227



4279705607



4279178257



4287927444



4279505940



# Same Dimension

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



4278657040



4278331664



4278657052



4279111438



4278210332



4278243146



# Inverse Universe

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



4280289047



4280877595



4280289035



4279176719



4283367475



4291756164



# Previews

## White Background



This preview shows how the Android color 4278657040 looks on a white background.

## Color Contrast Check

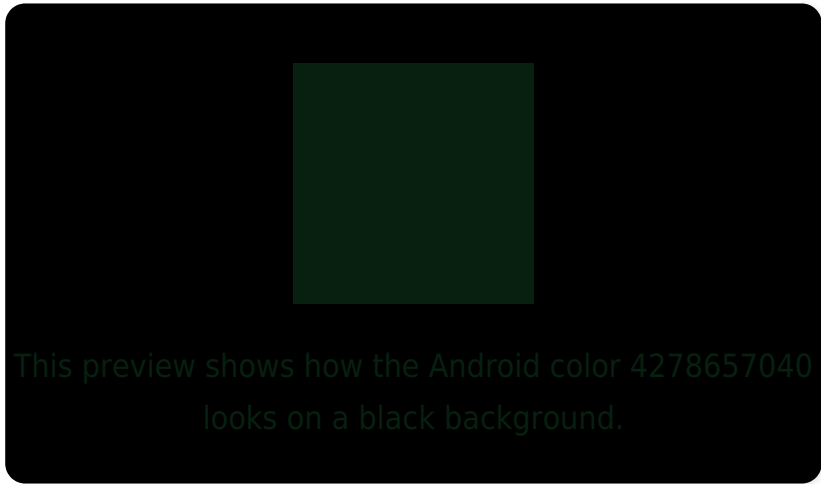
Large Text (above 18pt) WCAG AA ✓ Pass

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

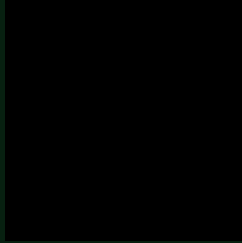
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



# Android 4278657040 Background



This preview shows how black text looks on a background with the Android color 4278657040.



This preview shows how white text looks on a background with the Android color 4278657040.

# 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**  
4278657040

**Protanopia**  
4280228879

**Deuteranopia**  
4280359441



**Tritanopia**  
4279115297

# Trichromacy



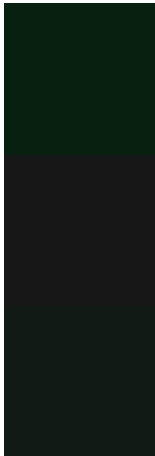
**Original Color**  
4278657040

**Protanomaly**  
4279639311

**Deuteranomaly**  
4279770129

**Tritanomaly**  
4278918939

# Monochromacy



**Original Color**  
4278657040

**Achromatopsia**  
4279703319

**Achromatomaly**  
4279310868

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4278657040 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(7, 32, 16)` looks like.

```
.text, #text, p{  
    color:rgb(7, 32, 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(7, 32, 16) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(7, 32, 16) }
```

## Border

The CSS property to change the border of an element to Android 4278657040 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(7, 32, 16) }
```

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

```
.border{ border-color:rgb(7, 32, 16) }
```

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

Here you see how a box with a 4 pixel `rgb(7, 32, 16)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(7, 32, 16); -webkit-box-shadow:4px  
4px 4px 4px rgb(7, 32, 16); box-shadow:4px  
4px 4px 4px rgb(7, 32, 16) }
```

# Background

The CSS property to change the background color of an element to Android 4278657040 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(7, 32, 16) }
```

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

```
.background{ background-color: rgb(7, 32,  
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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