

# Converting Colors

Android(4278474072)

Have a look what the booklet for  
Android(4278474072) contains.

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# Color

**Android(4278474072)**

# Conversions

## Conversions Part 1

Format	Color
Hex	045558
RGB	4, 85, 88
RGB Percent	2%, 33%, 35%
CMY	0.9843, 0.6667, 0.6549
CMYK	0.95, 0.03, 0.00, 0.65
HSL	182°, 91%, 18%
HSV	182°, 95%, 35%
XYZ	5.0600, 7.2274, 10.3609
YIQ	61.1230, -49.2390, -16.2390

# Conversions

## Conversions Part 2

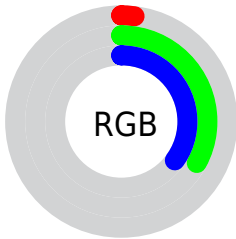
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	4, 45, 88
Decimal	283992
CIE Lab	32.32, -20.18, -8.00
CIE LCh	32, 21.706, 201.625
Yxy	7.2274, 0.2234, 0.3191
Android (android.graphics.Color)	4278474072 (0xFF045558)
YUV	61.1230, 13.2504, -50.0969
Hunter-Lab	26.8838, -13.4497, -4.0313

# Details

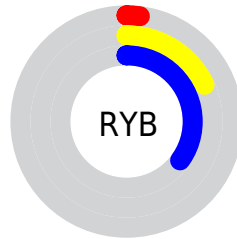
The Android color `4278474072` is a dark color, and the websafe version is hex `006666`. A complement of this color would be `4283959044`, and the grayscale version is `4282203453`.

A 20% lighter version of the original color is `4282746762`, and `4278200107` is the 20% darker color. If you saturate the color by 10%, you get `4278211928`, and if you desaturate by 10%, it is `4279063896`.

# Distribution



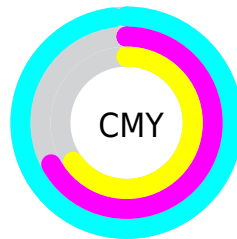
- Red (2%)
- Green (33%)
- Blue (35%)



- Red (2%)
- Yellow (18%)
- Blue (35%)



- Cyan (95%)
- Magenta (3%)
- Yellow (0%)
- Black (65%)



- Cyan (98%)
- Magenta (67%)
- Yellow (65%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4278474072 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 4278474072 by changing the saturation by 10% instead.





4278474072



4278474072

4294967295



4278206017



4282746762



4278200107



4284522916



4278194199



4286299583



4278190080



4288075995



4289918455



4291756031



4293656575



4278474072



4278474072

■ 4278211928

■ 4279063896

■ 4279653976

■ 4280178264

■ 4280768088

■ 4281358168

■ 4281947992

■ 4282537816

■ 4283062360

■ 4283652184

# Harmonies

## Analogous

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



4280309062



4278474072



4278735718

# Triad

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



4278474072



4284302177



4284172586

# Complementary

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



4278474072



4283959044

# 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.



4285023026



4278474072



4285153106

# Square

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



4278474072



4282861932



4285349696



4283125548

# Rectangle

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



4278474072



4280308076



4285349696



4284499756



# Sweetspot

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



4278474072



4283527795



4278474759



4280695355



4290427578



4282071867



# Same Dimension

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



4278474072



4278218611



4278463320



4280757035



4278216555



4278248171



# Inverse Universe

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



4283958357



4285726831



4283969796



4281018155



4285202535



4293591266



# Previews

## White Background



This preview shows how the Android color 4278474072 looks on a white background.

## Color Contrast Check

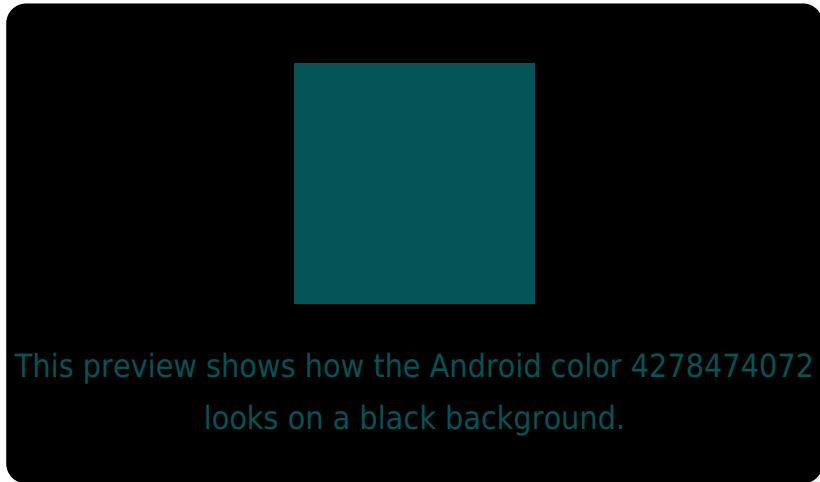
Large Text (above 18pt) WCAG AA ✓ Pass

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 4278474072 Background



This preview shows how black text looks on a background with the Android color 4278474072.



This preview shows how white text looks on a background with the Android color 4278474072.

# 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**

4278474072

**Protanopia**

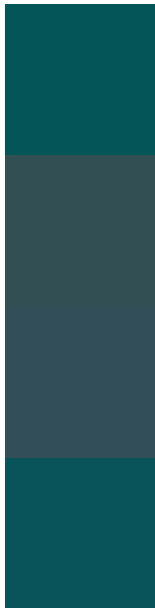
4283190354

**Deuteranopia**

4283255386



# Trichromacy



**Original Color**  
4278474072

**Protanomaly**  
4281487188

**Deuteranomaly**  
4281486937

**Tritanomaly**  
4278801498

# Monochromacy



**Original Color**  
4278474072

**Achromatopsia**  
4282203453

**Achromatomaly**  
4280829511

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4278474072 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(4, 85, 88)` looks like.

```
.text, #text, p{  
    color:rgb(4, 85, 88)  
}
```

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(4, 85, 88) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(4, 85, 88) }
```

## Border

The CSS property to change the border of an element to Android 4278474072 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(4, 85, 88) }
```

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

```
.border{ border-color:rgb(4, 85, 88) }
```

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

Here you see how a box with a 4 pixel `rgb(4, 85, 88)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(4, 85, 88); -webkit-box-shadow:4px  
4px 4px 4px rgb(4, 85, 88); box-shadow:4px  
4px 4px 4px rgb(4, 85, 88) }
```

# Background

The CSS property to change the background color of an element to Android 4278474072 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(4, 85, 88) }
```

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

```
.background{ background-color: rgb(4, 85,  
88) }
```

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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