

# Converting Colors

Android(4278992187)

Have a look what the booklet for  
Android(4278992187) contains.

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# Color

**Android(4278992187)**

# Conversions

## Conversions Part 1

Format	Color
Hex	0C3D3B
RGB	12, 61, 59
RGB Percent	5%, 24%, 23%
CMY	0.9529, 0.7608, 0.7686
CMYK	0.80, 0.00, 0.03, 0.76
HSL	178°, 67%, 14%
HSV	178°, 80%, 24%
XYZ	2.6098, 3.7314, 4.7204
YIQ	46.1210, -28.5620, -11.0100

# Conversions

## Conversions Part 2

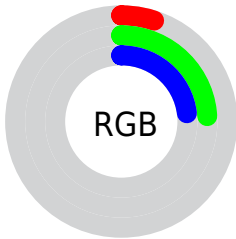
Format	Color
<a href="#">RYB</a>	<a href="#">12, 37, 61</a>
Decimal	<a href="#">802107</a>
CIELab	<a href="#">22.76, -16.24, -3.43</a>
CIElCh	<a href="#">23, 16.596, 191.915</a>
Yxy	<a href="#">3.7314, 0.2359, 0.3373</a>
Android (android.graphics.Color)	<a href="#">4278992187 (0xFF0C3D3B)</a>
YUV	<a href="#">46.1210, 6.3493, -29.9241</a>
Hunter-Lab	<a href="#">19.3169, -9.6885, -0.9666</a>

# Details

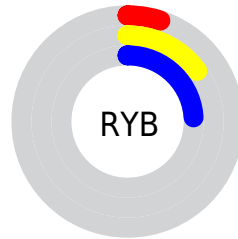
The Android color **4278992187** is a dark color, and the websafe version is hex **003333**. A complement of this color would be **4282190862**, and the grayscale version is **4281216558**.

A 20% lighter version of the original color is **4282346858**, and **4278194705** is the 20% darker color. If you saturate the color by 10%, you get **4278598971**, and if you desaturate by 10%, it is **4279385403**.

# Distribution



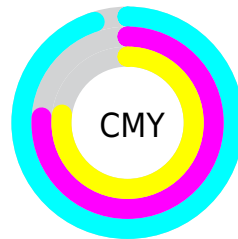
- Red (5%)
- Green (24%)
- Blue (23%)



- Red (5%)
- Yellow (15%)
- Blue (24%)



- Cyan (80%)
- Magenta (0%)
- Yellow (3%)
- Black (76%)



- Cyan (95%)
- Magenta (76%)
- Yellow (77%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4278992187 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 4278992187 by changing the saturation by 10% instead.



 4278992187

 4278992187

 4294770687

 4278200101

 4282346858

 4278194705

 4283991683

 4278190080

 4285702301

 4287413176

 4289189844

 4291032304

 4292870143

 4278992187

 4278992187

■ 4278598971

■ 4279385403

■ 4278205755

■ 4279778619

■ 4280171836

■ 4280565052

■ 4281023804

■ 4281417020

■ 4281810237

■ 4282203453

■ 4282596669

# Harmonies

## Analogous

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



4280106030



4278992187



4278598726

# Triad

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



4278992187



4282265929



4282725151

# Complementary

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



4278992187



4282190862

# 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.



4283182886



4278992187



4283051582

# Square

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



4278992187



4281153102



4283313458



4282005278

# Rectangle

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



4278992187



4279319372



4283313458



4282921505



# Sweetspot

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



4278992187



4282142542



4279123212



4280101160



4289243304



4280887593



# Same Dimension

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



4278992187



4278406988



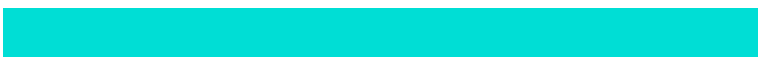
4278986557



4280033054



4278214234



4278247125



# Inverse Universe

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



4282190862



4283368198



4282196492



4280228892



4284350468

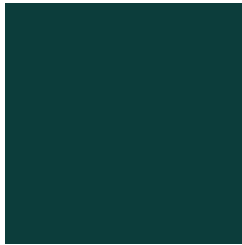


4292739081



# Previews

## White Background



This preview shows how the Android color 4278992187 looks on a white background.

## Color Contrast Check

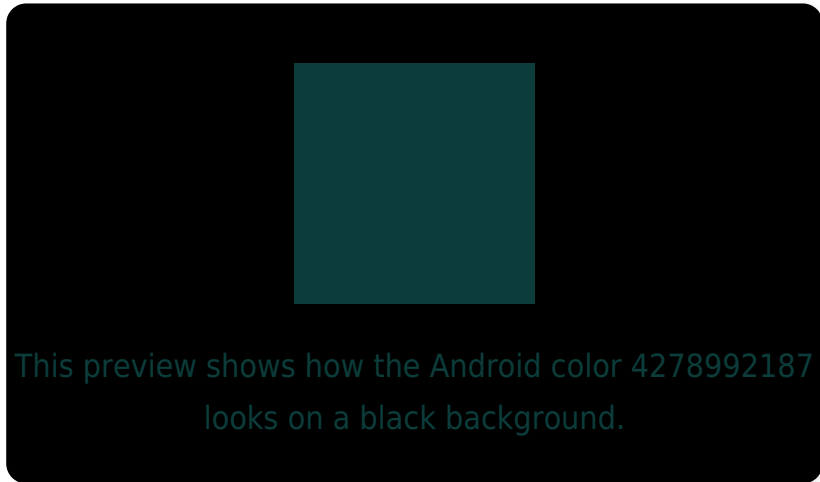
Large Text (above 18pt) WCAG AA ✓ Pass

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

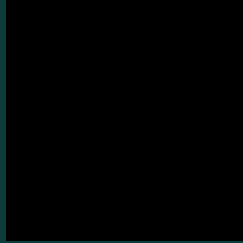
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



# Android 4278992187 Background



This preview shows how black text looks on a background with the Android color 4278992187.



This preview shows how white text looks on a background with the Android color 4278992187.

# 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**

4278992187

**Protanopia**

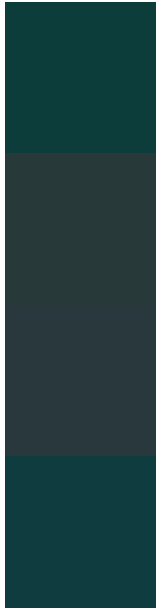
4281808439

**Deuteranopia**

4281939261



# Trichromacy



**Original Color**

4278992187

**Protanomaly**

4280760632

**Deuteranomaly**

4280891452

**Tritanomaly**

4279188543

# Monochromacy



**Original Color**

4278992187

**Achromatopsia**

4281216558

**Achromatomaly**

4280431411

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4278992187 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(12, 61, 59)` looks like.

```
.text, #text, p{  
    color:rgb(12, 61, 59)  
}
```

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(12, 61, 59) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(12, 61, 59) }
```

## Border

The CSS property to change the border of an element to Android 4278992187 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(12, 61, 59) }
```

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

```
.border{ border-color:rgb(12, 61, 59) }
```

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

Here you see how a box with a 4 pixel `rgb(12, 61, 59)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(12, 61, 59); -webkit-box-  
shadow:4px 4px 4px 4px rgb(12, 61, 59);  
box-shadow:4px 4px 4px 4px rgb(12, 61, 59)  
}
```

# Background

The CSS property to change the background color of an element to Android 4278992187 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(12, 61, 59) }
```

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

```
.background{ background-color: rgb(12, 61,  
59) }
```

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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