

# Converting Colors

Android(4278216784)

Have a look what the booklet for  
Android(4278216784) contains.

<b>Android(4278216784)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	11
<b><i>Previews</i></b> .....	23
<b><i>Color Blindness Simulation</i></b> .....	26
<b><i>CSS Examples</i></b> .....	29

# Color

**Android(4278216784)**

# Conversions

## Conversions Part 1

Format	Color
Hex	006850
RGB	0, 104, 80
RGB Percent	0%, 41%, 31%
CMY	1.0000, 0.5922, 0.6863
CMYK	1.00, 0.00, 0.23, 0.59
HSL	166°, 100%, 20%
HSV	166°, 100%, 41%
XYZ	6.3983, 10.4798, 9.2750
YIQ	70.1680, -54.2800, -29.5120

# Conversions

## Conversions Part 2

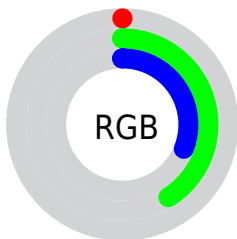
Format	Color
<a href="#">RYB</a>	<a href="#">0, 59, 104</a>
Decimal	<a href="#">26704</a>
CIELab	<a href="#">38.69, -32.34, 6.29</a>
CIELCh	<a href="#">39, 32.943, 168.986</a>
Yxy	<a href="#">10.4798, 0.2446, 0.4007</a>
Android (android.graphics.Color)	<a href="#">4278216784</a> ( <a href="#">0xFF006850</a> )
YUV	<a href="#">70.1680, 4.8472, -61.5373</a>
Hunter-Lab	<a href="#">32.3725, -21.3723, 5.6737</a>

# Details

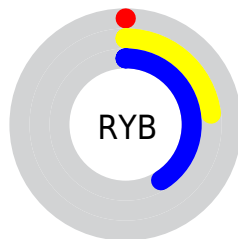
The Android color **4278216784** is a dark color, and the websafe version is hex **006666**. A complement of this color would be **4285005848**, and the grayscale version is **4282795590**.

A 20% lighter version of the original color is **4282883201**, and **4278204452** is the 20% darker color. If you saturate the color by 10%, you get **4278216784**, and if you desaturate by 10%, it is **4278872146**.

# Distribution



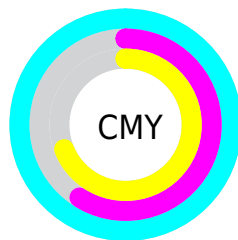
- Red (0%)
- Green (41%)
- Blue (31%)



- Red (0%)
- Yellow (23%)
- Blue (41%)



- Cyan (100%)
- Magenta (0%)
- Yellow (23%)
- Black (59%)



- Cyan (100%)
- Magenta (59%)
- Yellow (69%)
- Black (0%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4278216784 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 4278216784 by changing the saturation by 10% instead.



 4278216784

 4278216784

4294967295

 4278210361

 4282883201

 4278204452

 4284725147

 4278199054

 4286501814

 4278190080

 4288344018

 4290183150

 4292083711

 4293984255

 4278216784

■ 4278872146

■ 4279593045

■ 4280248407

■ 4280969306

■ 4281624668

■ 4282280030

■ 4283000929

■ 4283656291

■ 4284377190

# Harmonies

## Analogous

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



4282082615



4278216784



4278217068

# Triad

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



4278216784



4283259022



4286925876

# Complementary

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



4278216784



4285005848

# 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.



4287448395



4278216784



4285681022

# Square

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



4278216784



4278215055



4287120998



4285748773

# Rectangle

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



4278216784



4278216572



4287120998



4287187259



# Sweetspot

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



4278216784



4284450686



4279789568



4281091391



4291085508



4282729797



# Same Dimension

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



4278216784



4278224744



4278209640



4281217842



4278219608



4278252218



# Inverse Universe

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



4285005848



4287037471



4285012992



4281544239



4285726746



4294049848



# Previews

## White Background



This preview shows how the Android color 4278216784 looks on a white background.

## Color Contrast Check

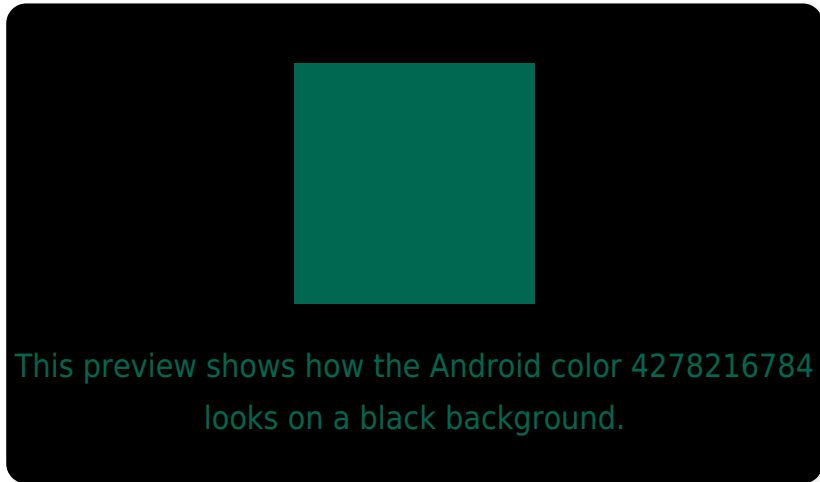
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

# Black Background



## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

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 4278216784 Background



This preview shows how black text looks on a background with the Android color 4278216784.



This preview shows how white text looks on a background with the Android color 4278216784.

# 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**

4278216784

**Protanopia**

4284570442

**Deuteranopia**

4284962900



# Trichromacy



**Original Color**  
4278216784

**Protanomaly**  
4282277964

**Deuteranomaly**  
4282539603

**Tritanomaly**  
4279592290

# Monochromacy



**Original Color**  
4278216784

**Achromatopsia**  
4282795590

**Achromatomaly**  
4281160266

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4278216784 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(0, 104, 80)` looks like.

```
.text, #text, p{  
    color:rgb(0, 104, 80)  
}
```

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(0, 104, 80) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 104, 80) }
```

## Border

The CSS property to change the border of an element to Android 4278216784 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(0, 104, 80) }
```

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

```
.border{ border-color:rgb(0, 104, 80) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 104, 80)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 104, 80); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 104, 80);  
box-shadow:4px 4px 4px 4px rgb(0, 104, 80)  
}
```

# Background

The CSS property to change the background color of an element to Android 4278216784 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 104, 80) }
```

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

```
.background{ background-color: rgb(0, 104,  
80) }
```

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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