

Converting Colors

Android(4278210368)

Have a look what the booklet for
Android(4278210368) contains.

Android(4278210368)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	21
<i>Color Blindness Simulation</i>	24
<i>CSS Examples</i>	27

Color

Android(4278210368)

Conversions

Conversions Part 1

Format	Color
Hex	004F40
RGB	0, 79, 64
RGB Percent	0%, 31%, 25%
CMY	1.0000, 0.6902, 0.7490
CMYK	1.00, 0.00, 0.19, 0.69
HSL	169°, 100%, 15%
HSV	169°, 100%, 31%
XYZ	3.7214, 5.9621, 5.8052
YIQ	53.6690, -42.2690, -21.4130

Conversions

Conversions Part 2

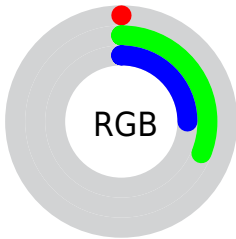
Format	Color
RYB	0, 44, 79
Decimal	20288
CIELab	29.32, -25.55, 2.86
CIELCh	29, 25.708, 173.618
Yxy	5.9621, 0.2403, 0.3849
Android (android.graphics.Color)	4278210368 (0xFF004F40)
YUV	53.6690, 5.0932, -47.0677
Hunter-Lab	24.4175, -15.5259, 2.9963

Details

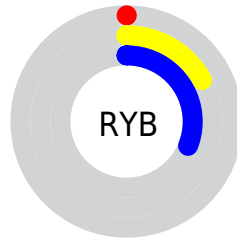
The Android color **4278210368** is a dark color, and the websafe version is hex **006666**. A complement of this color would be **4283367439**, and the grayscale version is **4281742902**.

A 20% lighter version of the original color is **4282351984**, and **4278199062** is the 20% darker color. If you saturate the color by 10%, you get **4278210368**, and if you desaturate by 10%, it is **4278734658**.

Distribution



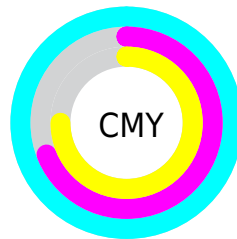
- Red (0%)
- Green (31%)
- Blue (25%)



- Red (0%)
- Yellow (17%)
- Blue (31%)



- Cyan (100%)
- Magenta (0%)
- Yellow (19%)
- Black (69%)



- Cyan (100%)
- Magenta (69%)
- Yellow (75%)

Brightness & Saturation Gradients

These gradients show how the Android color 4278210368 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 4278210368 by changing the saturation by 10% instead.

■ 4278210368

■ 4278210368

4294967295

■ 4278204458

■ 4282351984

■ 4278199062

■ 4284062601

■ 4278190080

■ 4285773475

■ 4287550142

■ 4289392346

■ 4291231735

■ 4293066751

■ 4278210368

■ 4278734658

■ 4279258947

■ 4279783237

■ 4280307526

■ 4280831816

■ 4281290569

■ 4281814858

■ 4282339148

■ 4282863438

Harmonies

Analogous

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



4280962349



4278210368



4278210388

Triad

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



4278210368



4282401386



4284693286

Complementary

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



4278210368



4283367439

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.



4285216310



4278210368



4284103261

Square

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



4278210368



4279715948



4285019466



4283777821

Rectangle

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



4278210368



4278210144



4285019466



4284954923

Sweetspot

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



4278210368



4282869344



4279258880



4280365872



4289967027



4281545523

Same Dimension

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



4278210368



4278216275



4278204239



4280428070



4278249146

Inverse Universe

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



4283367439



4284874771



4283373568



4280689187



4293263404

Previews

White Background



This preview shows how the Android color 4278210368 looks on a white background.

Color Contrast Check

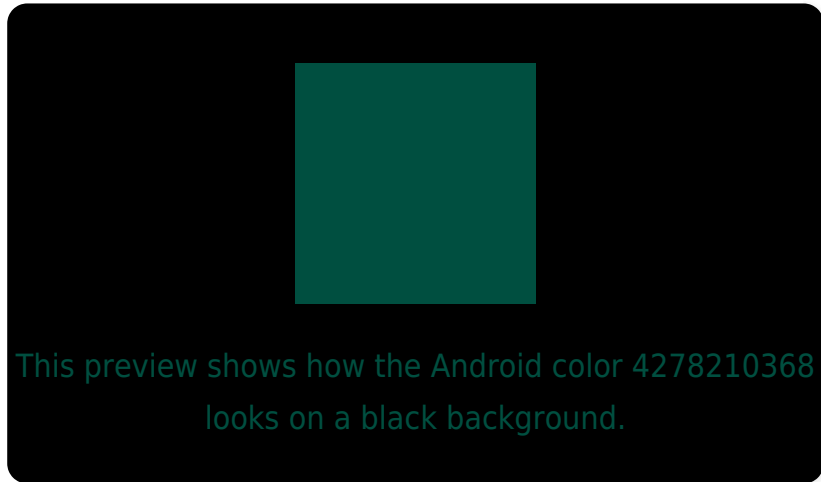
Large Text (above 18pt) WCAG AA ✓ Pass

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 4278210368 Background



This preview shows how black text looks on a background with the Android color 4278210368.



This preview shows how white text looks on a background with the Android color 4278210368.

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

4278210368

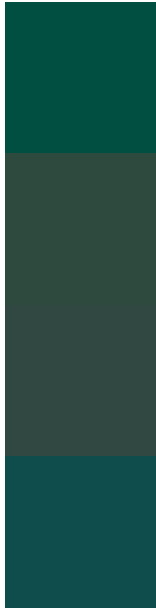
Protanopia

4282991931

Deuteranopia

4283253571

Trichromacy



Original Color
4278210368

Protanomaly
4281223485

Deuteranomaly
4281419586

Tritanomaly
4279192908

Monochromacy



Original Color
4278210368

Achromatopsia
4281742902

Achromatomaly
4280434490

CSS Examples

Text

The CSS property to change the color of the text to Android 4278210368 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, 79, 64)` looks like.

```
.text, #text, p{  
    color:rgb(0, 79, 64)  
}
```

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, 79, 64) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 79, 64) }
```

Border

The CSS property to change the border of an element to Android 4278210368 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, 79, 64) }
```

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

```
.border{ border-color:rgb(0, 79, 64) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 79, 64)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 79, 64); -webkit-box-shadow:4px  
4px 4px 4px rgb(0, 79, 64); box-shadow:4px  
4px 4px 4px rgb(0, 79, 64) }
```

Background

The CSS property to change the background color of an element to Android 4278210368 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 79, 64) }
```

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

```
.background{ background-color: rgb(0, 79,  
64) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor