

Converting Colors

Android(4278210628)

Have a look what the booklet for
Android(4278210628) contains.

Android(4278210628)	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(4278210628)

Conversions

Conversions Part 1

Format	Color
Hex	005044
RGB	0, 80, 68
RGB Percent	0%, 31%, 27%
CMY	1.0000, 0.6863, 0.7333
CMYK	1.00, 0.00, 0.15, 0.69
HSL	171°, 100%, 16%
HSV	171°, 100%, 31%
XYZ	3.9120, 6.1547, 6.4506
YIQ	54.7120, -43.8280, -20.6920

Conversions

Conversions Part 2

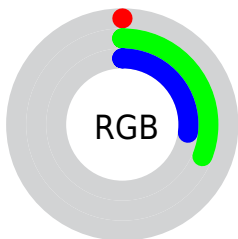
Format	Color
RYB	0, 43, 80
Decimal	20548
CIELab	29.80, -24.78, 1.00
CIELCh	30, 24.798, 177.695
Yxy	6.1547, 0.2368, 0.3726
Android (android.graphics.Color)	4278210628 (0xFF005044)
YUV	54.7120, 6.5510, -47.9824
Hunter-Lab	24.8086, -15.2676, 1.9497

Details

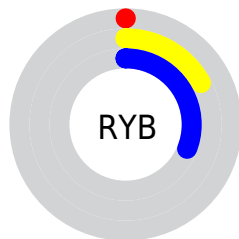
The Android color **4278210628** is a dark color, and the websafe version is hex **006666**. A complement of this color would be **4283432972**, and the grayscale version is **4281808695**.

A 20% lighter version of the original color is **4282352244**, and **4278199065** is the 20% darker color. If you saturate the color by 10%, you get **4278210628**, and if you desaturate by 10%, it is **4278734917**.

Distribution



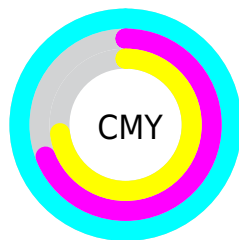
- Red (0%)
- Green (31%)
- Blue (27%)



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



- Cyan (100%)
- Magenta (0%)
- Yellow (15%)
- Black (69%)



- Cyan (100%)
- Magenta (69%)
- Yellow (73%)

Brightness & Saturation Gradients

These gradients show how the Android color 4278210628 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 4278210628 by changing the saturation by 10% instead.

 4278210628

 4278210628

4294967295

 4278204718

 4282352244

 4278199065

 4284128398

 4278190080

 4285839272

 4287615939

 4289458143

 4291297276

 4293132287

 4278210628

■ 4278734917

■ 4279259206

■ 4279783496

■ 4280307785

■ 4280832074

■ 4281356363

■ 4281880652

■ 4282404942

■ 4282929231

Harmonies

Analogous

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



4280831537



4278210628



4278210647

Triad

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



4278210628



4282794600



4284628518

Complementary

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



4278210628



4283432972

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.



4285151285



4278210628



4284300123

Square

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



4278210628



4280437100



4285085256



4283647263

Rectangle

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



4278210628



4278210146



4285085256



4284889899

Sweetspot

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



4278210628



4283001188



4278996992



4280432179



4290098613



4281742902

Same Dimension

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



4278210628



4278217049



4278203472



4280625448



4278249669

Inverse Universe

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



4283432972



4285071376



4283440128



4280886565



4293394467

Previews

White Background



This preview shows how the Android color 4278210628 looks on a white background.

Color Contrast Check

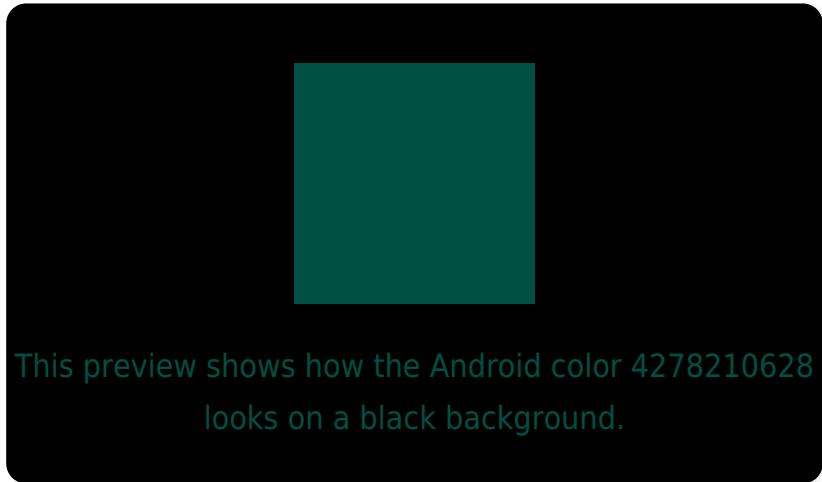
Large Text (above 18pt) WCAG AA ✓ Pass

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 4278210628 Background



This preview shows how black text looks on a background with the Android color 4278210628.



This preview shows how white text looks on a background with the Android color 4278210628.

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

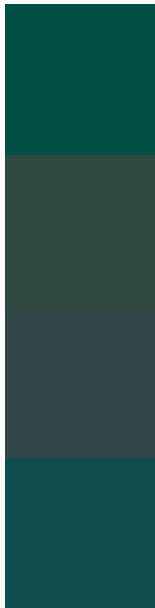


Original Color
4278210628

Protanopia
4282992191

Deuteranopia
4283253831

Trichromacy



Original Color
4278210628

Protanomaly
4281223745

Deuteranomaly
4281419846

Tritanomaly
4279127886

Monochromacy



Original Color
4278210628

Achromatopsia
4281808695

Achromatomaly
4280500284

CSS Examples

Text

The CSS property to change the color of the text to Android 4278210628 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, 80, 68)` looks like.

```
.text, #text, p{  
    color:rgb(0, 80, 68)  
}
```

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, 80, 68) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 80, 68) }
```

Border

The CSS property to change the border of an element to Android 4278210628 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, 80, 68) }
```

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

```
.border{ border-color:rgb(0, 80, 68) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 80, 68)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 80, 68); -webkit-box-shadow:4px  
4px 4px 4px rgb(0, 80, 68); box-shadow:4px  
4px 4px 4px rgb(0, 80, 68) }
```

Background

The CSS property to change the background color of an element to Android 4278210628 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 80, 68) }
```

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

```
.background{ background-color: rgb(0, 80,  
68) }
```

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