

Converting Colors

Android(4278218596)

Have a look what the booklet for
Android(4278218596) contains.

Android(4278218596)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Android(4278218596)

Conversions

Conversions Part 1

Format	Color
Hex	006F64
RGB	0, 111, 100
RGB Percent	0%, 44%, 39%
CMY	1.0000, 0.5647, 0.6078
CMYK	1.00, 0.00, 0.10, 0.56
HSL	174°, 100%, 22%
HSV	174°, 100%, 44%
XYZ	7.9847, 12.2890, 14.0078
YIQ	76.5570, -62.6250, -26.9530

Conversions

Conversions Part 2

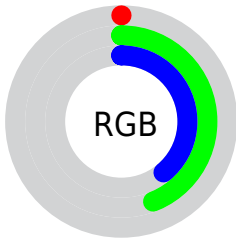
Format	Color
RYB	0, 58, 111
Decimal	28516
CIELab	41.67, -29.60, -1.53
CIELCh	42, 29.642, 182.958
Yxy	12.2890, 0.2329, 0.3585
Android (android.graphics.Color)	4278218596 (0xFF006F64)
YUV	76.5570, 11.5574, -67.1405
Hunter-Lab	35.0556, -20.6901, 0.8475

Details

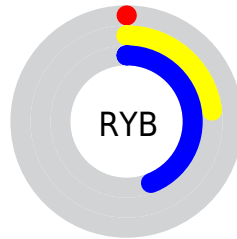
The Android color `4278218596` is a dark color, and the websafe version is hex `006666`. A complement of this color would be `4285464587`, and the grayscale version is `4283190348`.

A 20% lighter version of the original color is `4283147159`, and `4278206006` is the 20% darker color. If you saturate the color by 10%, you get `4278218596`, and if you desaturate by 10%, it is `4278939493`.

Distribution



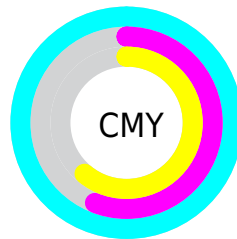
- Red (0%)
- Green (44%)
- Blue (39%)



- Red (0%)
- Yellow (23%)
- Blue (44%)



- Cyan (100%)
- Magenta (0%)
- Yellow (10%)
- Black (56%)



- Cyan (100%)
- Magenta (56%)
- Yellow (61%)

Brightness & Saturation Gradients

These gradients show how the Android color 4278218596 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 4278218596 by changing the saturation by 10% instead.



4278218596



4278218596

4294967295



4278212172



4283147159



4278206006



4284989361



4278200352



4286831565



4278193161



4288673769



4278190080



4290576383



4292476927



4294377471



4278218596

■ 4278939493

■ 4279660390

■ 4280381287

■ 4281102184

■ 4281888618

■ 4282609515

■ 4283330412

■ 4284051309

■ 4284772206

Harmonies

Analogous

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



4281822539



4278218596



4278218364

Triad

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



4278218596



4285029259



4286798135

Complementary

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



4278218596



4285464587

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.



4287582537



4278218596



4286796665

Square

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



4278218596



4282410131



4287647585



4285489713

Rectangle

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



4278218596



4278217865



4287647585



4287125052

Sweetspot

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



4278218596



4284912013



4278939392



4281289287



4291414473



4283058762

Same Dimension

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



4278218596



4278227331



4278207343



4281481272



4278220908



4278253535

Inverse Universe

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



4285464587



4287692814



4285475840



4281872947



4286054412



4294377497

Previews

White Background



This preview shows how the Android color 4278218596 looks on a white background.

Color Contrast Check

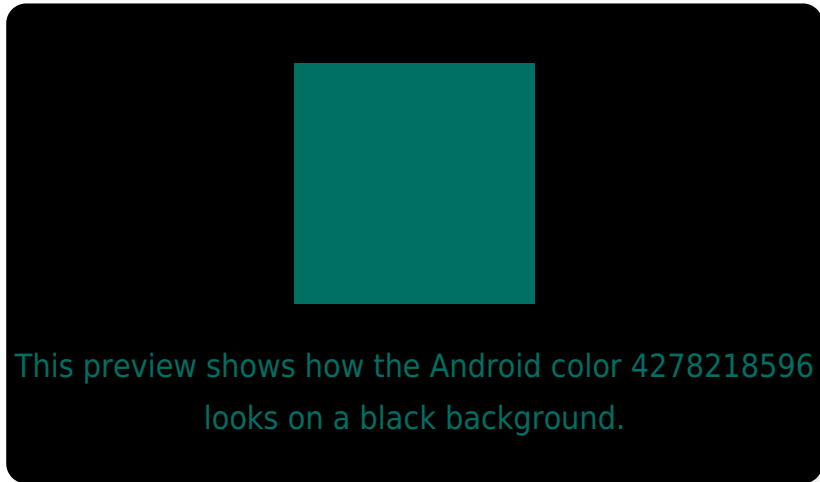
Large Text (above 18pt) WCAG AA ✓ Pass

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 4278218596 Background



This preview shows how black text looks on a background with the Android color 4278218596.



This preview shows how white text looks on a background with the Android color 4278218596.

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
4278218596

Protanopia
4284834397

Deuteranopia
4285095783

Trichromacy



Original Color
4278218596

Protanomaly
4282410848

Deuteranomaly
4282606950

Tritanomaly
4279397743

Monochromacy



Original Color
4278218596

Achromatopsia
4283256141

Achromatomaly
4281424213

CSS Examples

Text

The CSS property to change the color of the text to Android 4278218596 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, 111, 100)` looks like.

```
.text, #text, p{  
    color:rgb(0, 111, 100)  
}
```

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, 111, 100) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 111, 100) }
```

Border

The CSS property to change the border of an element to Android 4278218596 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, 111, 100) }
```

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

```
.border{ border-color:rgb(0, 111, 100) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 111, 100)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 111, 100); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 111, 100);  
box-shadow:4px 4px 4px 4px rgb(0, 111,  
100) }
```

Background

The CSS property to change the background color of an element to Android 4278218596 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 111, 100) }
```

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

```
.background{ background-color: rgb(0, 111,  
100) }
```

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