

Converting Colors

Android(4278212702)

Have a look what the booklet for
Android(4278212702) contains.

Android(4278212702)	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(4278212702)

Conversions

Conversions Part 1

Format	Color
Hex	00585E
RGB	0, 88, 94
RGB Percent	0%, 35%, 37%
CMY	1.0000, 0.6549, 0.6314
CMYK	1.00, 0.06, 0.00, 0.63
HSL	184°, 100%, 18%
HSV	184°, 100%, 37%
XYZ	5.5101, 7.7876, 11.8024
YIQ	62.3720, -54.3740, -16.7900

Conversions

Conversions Part 2

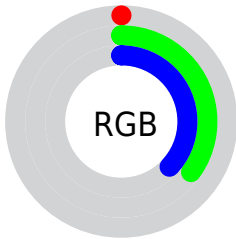
Format	Color
RYB	0, 45, 94
Decimal	22622
CIELab	33.54, -20.01, -9.95
CIELCh	34, 22.345, 206.448
Yxy	7.7876, 0.2195, 0.3103
Android (android.graphics.Color)	4278212702 (0xFF00585E)
YUV	62.3720, 15.5926, -54.7002
Hunter-Lab	27.9063, -13.5911, -5.5412

Details

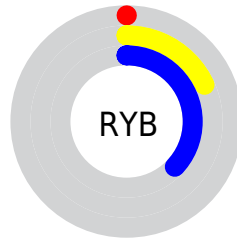
The Android color `4278212702` is a dark color, and the websafe version is hex `006666`. A complement of this color would be `4284352000`, and the grayscale version is `4282269246`.

A 20% lighter version of the original color is `4282747536`, and `4278200880` is the 20% darker color. If you saturate the color by 10%, you get `4278212702`, and if you desaturate by 10%, it is `4278802782`.

Distribution



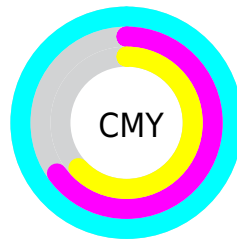
- Red (0%)
- Green (35%)
- Blue (37%)



- Red (0%)
- Yellow (18%)
- Blue (37%)



- Cyan (100%)
- Magenta (6%)
- Yellow (0%)
- Black (63%)



- Cyan (100%)
- Magenta (65%)
- Yellow (63%)

Brightness & Saturation Gradients

These gradients show how the Android color 4278212702 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 4278212702 by changing the saturation by 10% instead.

 4278212702

 4278212702

4294967295

 4278206534

 4282747536

 4278200880

 4284523947


 4278195739

 4286300358

 4278190080

 4288142562

 4289984767

 4291821567

 4293722111

 4278212702

■ 4278802782

■ 4279458142

■ 4280048222

■ 4280703582

■ 4281293662

■ 4281883742

■ 4282539102

■ 4283129182

■ 4283784542

Harmonies

Analogous

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



4280113228



4278212702



4279129708

Triad

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



4278212702



4284695907



4284239147

Complementary

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



4278212702



4284352000

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.



4285155122



4278212702



4285481298

Square

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



4278212702



4283321198



4285612608



4283061039

Rectangle

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



4278212702



4280701809



4285612608



4284566316

Sweetspot

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



4278212702



4283857018



4278214149



4280761405



4290624957



4282203453

Same Dimension

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



4278212702



4278219642



4278200926



4280888878



4278216558



4278247149

Inverse Universe

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



4284350552



4286185587



4284363776



4281215278



4285399143



4293722334

Previews

White Background



This preview shows how the Android color 4278212702 looks on a white background.

Color Contrast Check

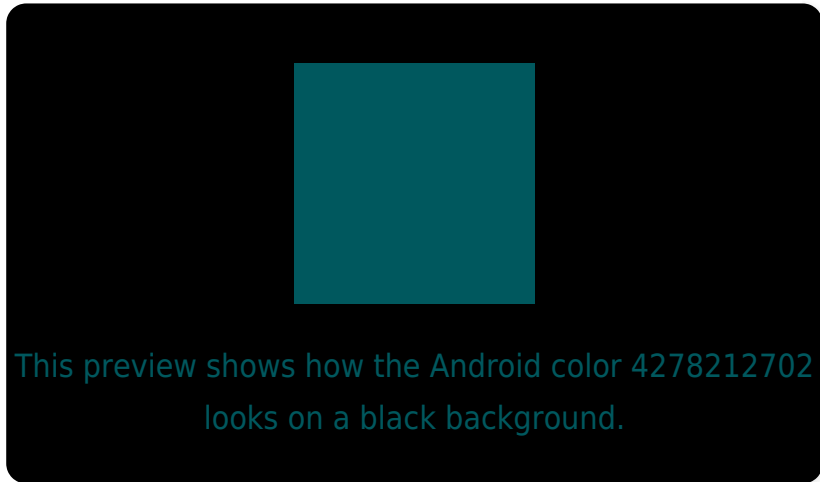
Large Text (above 18pt) WCAG AA ✓ Pass

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

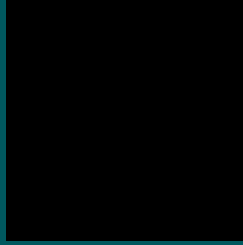
Any Text WCAG AA × Fail

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 4278212702 Background



This preview shows how black text looks on a background with the Android color 4278212702.



This preview shows how white text looks on a background with the Android color 4278212702.

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

4278212702

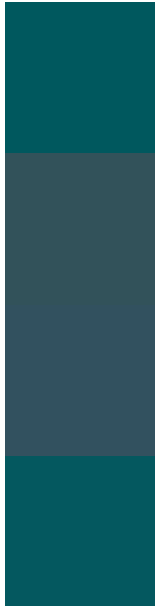
Protanopia

4283321944

Deuteranopia

4283321696

Trichromacy



Original Color

4278212702

Protanomaly

4281487962

Deuteranomaly

4281487711

Tritanomaly

4278474847

Monochromacy



Original Color

4278212702

Achromatopsia

4282269246

Achromatomaly

4280764234

CSS Examples

Text

The CSS property to change the color of the text to Android 4278212702 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, 88, 94)` looks like.

```
.text, #text, p{  
    color:rgb(0, 88, 94)  
}
```

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, 88, 94) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 88, 94) }
```

Border

The CSS property to change the border of an element to Android 4278212702 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, 88, 94) }
```

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

```
.border{ border-color:rgb(0, 88, 94) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 88, 94)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 88, 94); -webkit-box-shadow:4px  
4px 4px 4px rgb(0, 88, 94); box-shadow:4px  
4px 4px 4px rgb(0, 88, 94) }
```

Background

The CSS property to change the background color of an element to Android 4278212702 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 88, 94) }
```

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

```
.background{ background-color: rgb(0, 88,  
94) }
```

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