

Converting Colors

Android(4278211943)

Have a look what the booklet for
Android(4278211943) contains.

Android(4278211943)	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(4278211943)

Conversions

Conversions Part 1

Format	Color
Hex	005567
RGB	0, 85, 103
RGB Percent	0%, 33%, 40%
CMY	1.0000, 0.6667, 0.5961
CMYK	1.00, 0.17, 0.00, 0.60
HSL	190°, 100%, 20%
HSV	190°, 100%, 40%
XYZ	5.6967, 7.4763, 13.9748
YIQ	61.6370, -56.4380, -12.4220

Conversions

Conversions Part 2

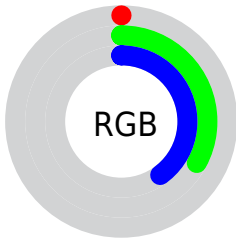
Format	Color
RYB	0, 47, 103
Decimal	21863
CIELab	32.87, -14.96, -16.63
CIELCh	33, 22.371, 228.022
Yxy	7.4763, 0.2098, 0.2754
Android (android.graphics.Color)	4278211943 (0xFF005567)
YUV	61.6370, 20.3920, -54.0556
Hunter-Lab	27.3428, -10.6606, -11.1629

Details

The Android color **4278211943** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **4284944896**, and the grayscale version is **4282203453**.

A 20% lighter version of the original color is **4282812314**, and **4278200376** is the 20% darker color. If you saturate the color by 10%, you get **4278211943**, and if you desaturate by 10%, it is **4278867815**.

Distribution



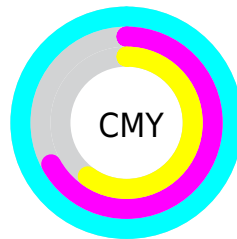
- Red (0%)
- Green (33%)
- Blue (40%)



- Red (0%)
- Yellow (18%)
- Blue (40%)



- Cyan (100%)
- Magenta (17%)
- Yellow (0%)
- Black (60%)



- Cyan (100%)
- Magenta (67%)
- Yellow (60%)

Brightness & Saturation Gradients

These gradients show how the Android color 4278211943 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 4278211943 by changing the saturation by 10% instead.

 4278211943

 4278211943

4294967295

 4278206031

 4282812314

 4278200376

 4284654005

 4278194979

 4286430417

 4278190091

 4288272621

 4278190080

 4290114815

 4291952639

 4293853183

 4278211943

■ 4278867815

■ 4279589223

■ 4280244839

■ 4280900711

■ 4281622119

■ 4282277991

■ 4282933863

■ 4283589479

■ 4284310887

Harmonies

Analogous

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



4278409048



4278211943



4280701295

Triad

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



4278211943



4285218901



4283322411

Complementary

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



4278211943



4284944896

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.



4284434987



4278211943



4285546563

Square

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



4278211943



4284237157



4285219892



4282012725

Rectangle

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



4278211943



4282076528



4285219892



4283715114

Sweetspot

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



4278211943



4284448903



4278216465



4281090373



4291085508



4282729797

Same Dimension

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



4278211943



4278218887



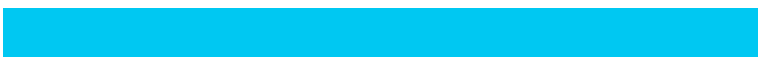
4278198887



4281217587



4278214515



4278241522

Inverse Universe

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



4284940373



4287037552



4284957952



4281544242



4285726815



4294049992

Previews

White Background



This preview shows how the Android color 4278211943 looks on a white background.

Color Contrast Check

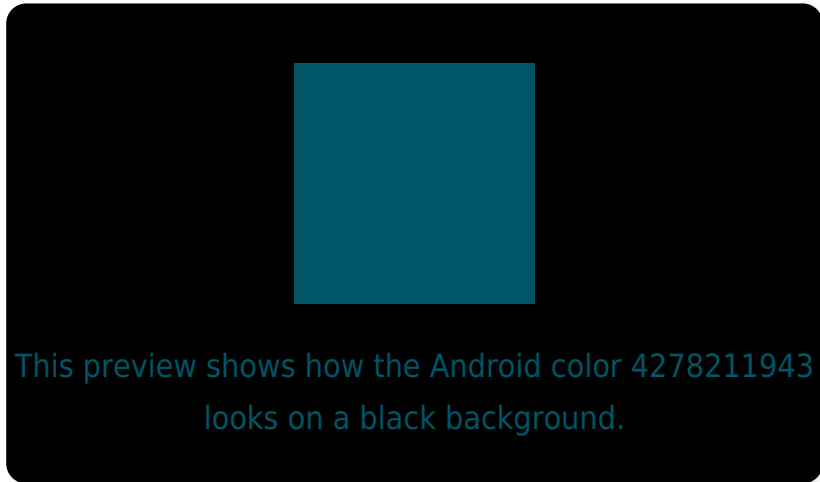
Large Text (above 18pt) WCAG AA ✓ Pass

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

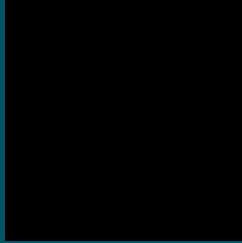
Any Text WCAG AA × Fail

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 4278211943 Background



This preview shows how black text looks on a background with the Android color 4278211943.



This preview shows how white text looks on a background with the Android color 4278211943.

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

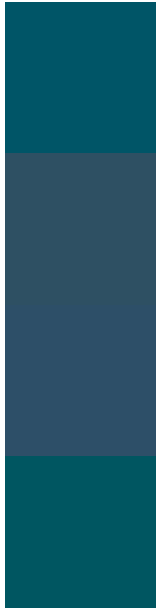


Original Color
4278211943

Protanopia
4282994017

Deuteranopia
4282797161

Trichromacy



Original Color
4278211943

Protanomaly
4281225315

Deuteranomaly
4281159528

Tritanomaly
4278212193

Monochromacy



Original Color
4278211943

Achromatopsia
4282269246

Achromatomaly
4280763981

CSS Examples

Text

The CSS property to change the color of the text to Android 4278211943 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, 85, 103)` looks like.

```
.text, #text, p{  
    color:rgb(0, 85, 103)  
}
```

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, 85, 103) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 85, 103) }
```

Border

The CSS property to change the border of an element to Android 4278211943 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, 85, 103) }
```

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

```
.border{ border-color:rgb(0, 85, 103) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 85, 103)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 85, 103); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 85, 103);  
box-shadow:4px 4px 4px 4px rgb(0, 85, 103)  
}
```

Background

The CSS property to change the background color of an element to Android 4278211943 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 85, 103) }
```

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

```
.background{ background-color: rgb(0, 85,  
103) }
```

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