

Converting Colors

Android(4278354836)

Have a look what the booklet for
Android(4278354836) contains.

Android(4278354836)	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(4278354836)

Conversions

Conversions Part 1

Format	Color
Hex	028394
RGB	2, 131, 148
RGB Percent	1%, 51%, 58%
CMY	0.9922, 0.4863, 0.4196
CMYK	0.99, 0.11, 0.00, 0.42
HSL	187°, 97%, 29%
HSV	187°, 99%, 58%
XYZ	13.4866, 18.3836, 30.8545
YIQ	94.3670, -82.3410, -22.0610

Conversions

Conversions Part 2

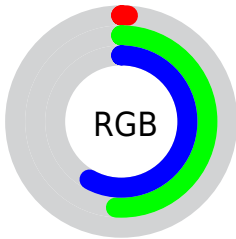
Format	Color
RYB	2, 70, 148
Decimal	164756
CIELab	49.96, -23.51, -17.65
CIELCh	50, 29.397, 216.887
Yxy	18.3836, 0.2150, 0.2931
Android (android.graphics.Color)	4278354836 (0xFF028394)
YUV	94.3670, 26.4411, -81.0059
Hunter-Lab	42.8761, -18.8863, -12.6530

Details

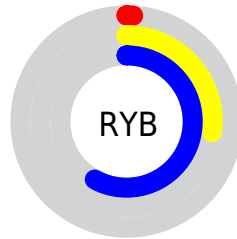
The Android color **4278354836** is a dark color, and the websafe version is hex **339999**. A complement of this color would be **4287894274**, and the grayscale version is **4284374622**.

A 20% lighter version of the original color is **4283939018**, and **4278210913** is the 20% darker color. If you saturate the color by 10%, you get **4278223764**, and if you desaturate by 10%, it is **4279338388**.

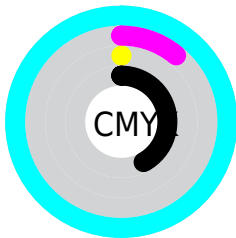
Distribution



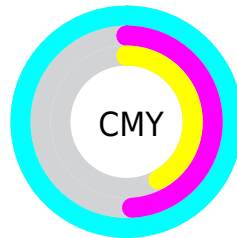
- Red (1%)
- Green (51%)
- Blue (58%)



- Red (1%)
- Yellow (27%)
- Blue (58%)



- Cyan (99%)
- Magenta (11%)
- Yellow (0%)
- Black (42%)



- Cyan (99%)
- Magenta (49%)
- Yellow (42%)

Brightness & Saturation Gradients

These gradients show how the Android color 4278354836 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 4278354836 by changing the saturation by 10% instead.



4278354836



4278354836

4294967295



4278217338



4283939018



4278210913



4285846758



4278205002



4287820287



4278199347



4289724415



4278190622



4291624959



4278190081



4293591039



4278190080



4278354836



4278354836



4278223764



4279338388

■ 4280321684

■ 4281239700

■ 4282223252

■ 4283206804

■ 4284190100

■ 4285173652

■ 4286091668

■ 4287075220

Harmonies

Analogous

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



4280517756



4278354836



4281302948

Triad

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



4278354836



4288374411



4286740293

Complementary

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



4278354836



4287894274

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.



4288114505



4278354836



4289160050

Square

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



4278354836



4286672543



4289029978



4284972622

Rectangle

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



4278354836



4283333288



4289029978



4287263813

Sweetspot

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



4278354836



4287019455



4278359057



4282277217



4292927712



4284572001

Same Dimension

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



4278354836



4278233535



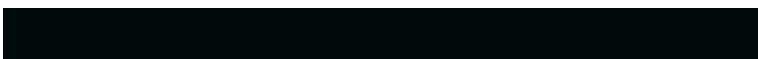
4278336660



4282599754



4278221450



4278192394

Inverse Universe

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



4287890051



4290707625



4287912450



4283056969



4287234170



4278845449

Previews

White Background



This preview shows how the Android color 4278354836 looks on a white background.

Color Contrast Check

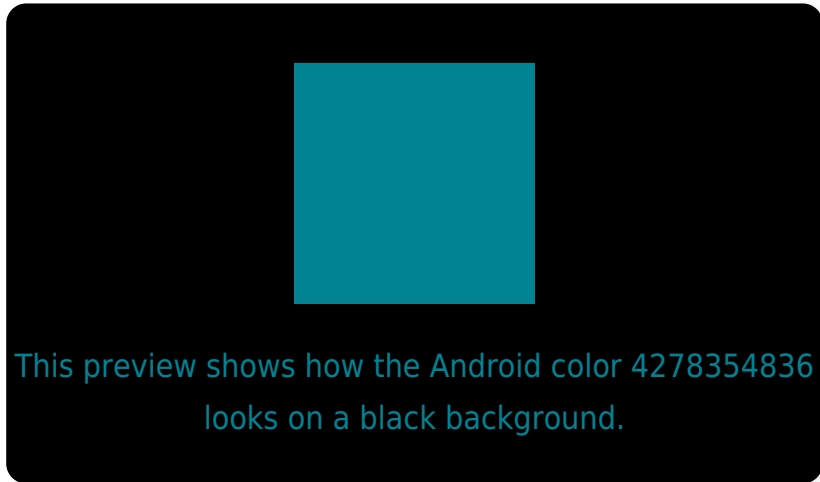
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✗ Fail

Large Text (above 18pt) WCAG AAA ✗ Fail

Any Text WCAG AAA ✗ Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

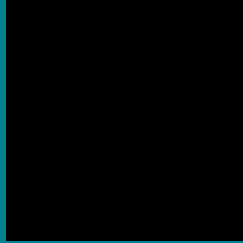
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Android 4278354836 Background



This preview shows how black text looks on a background with the Android color 4278354836.

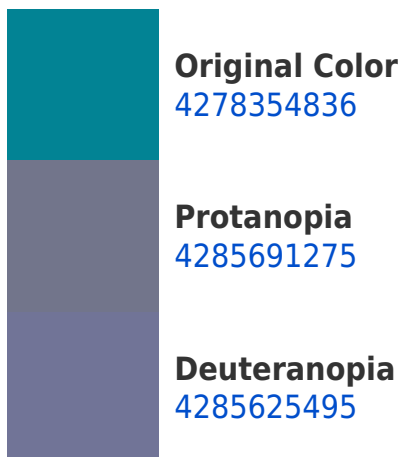


This preview shows how white text looks on a background with the Android color 4278354836.

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



Trichromacy



Original Color
4278354836

Protanomaly
4283005582

Deuteranomaly
4283005334

Tritanomaly
4278289552

Monochromacy



Original Color
4278354836

Achromatopsia
4284374622

Achromatomaly
4282215282

CSS Examples

Text

The CSS property to change the color of the text to Android 4278354836 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(2, 131, 148)` looks like.

```
.text, #text, p{  
    color:rgb(2, 131, 148)  
}
```

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(2, 131, 148) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(2, 131, 148) }
```

Border

The CSS property to change the border of an element to Android 4278354836 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(2, 131, 148) }
```

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

```
.border{ border-color:rgb(2, 131, 148) }
```

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

Here you see how a box with a 4 pixel rgb(2, 131, 148) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(2, 131, 148); -webkit-box-  
shadow:4px 4px 4px 4px rgb(2, 131, 148);  
box-shadow:4px 4px 4px 4px rgb(2, 131,  
148) }
```

Background

The CSS property to change the background color of an element to Android 4278354836 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(2, 131, 148) }
```

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

```
.background{ background-color: rgb(2, 131,  
148) }
```

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