

Converting Colors

Android(4283398016)

Have a look what the booklet for
Android(4283398016) contains.

Android(4283398016)	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(4283398016)

Conversions

Conversions Part 1

Format	Color
Hex	4F7780
RGB	79, 119, 128
RGB Percent	31%, 47%, 50%
CMY	0.6902, 0.5333, 0.4980
CMYK	0.38, 0.07, 0.00, 0.50
HSL	191°, 24%, 41%
HSV	191°, 38%, 50%
XYZ	13.7176, 16.4144, 22.8674
YIQ	108.0660, -26.7290, -5.6810

Conversions

Conversions Part 2

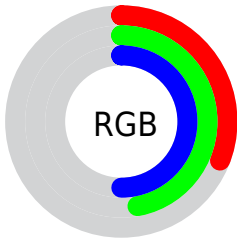
Format	Color
R_{YB}	79, 101, 128
Decimal	5207936
CIE _{Lab}	47.51, -11.49, -9.38
CIE _{LCh}	48, 14.834, 219.202
Yxy	16.4144, 0.2588, 0.3097
Android (android.graphics.Color)	4283398016 (0xFF4F7780)
YUV	108.0660, 9.8275, -25.4909
Hunter-Lab	40.5147, -10.4639, -5.1042

Details

The Android color `4283398016` is a dark color, and the websafe version is hex `336666`. A complement of this color would be `4286601295`, and the grayscale version is `4285295724`.

A 20% lighter version of the original color is `4286753717`, and `4280108879` is the 20% darker color. If you saturate the color by 10%, you get `4282545536`, and if you desaturate by 10%, it is `4284250496`.

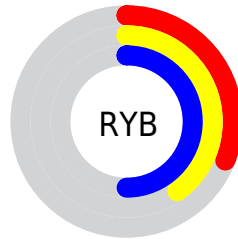
Distribution



Red (31%)

Green (47%)

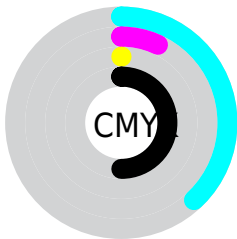
Blue (50%)



Red (31%)

Yellow (40%)

Blue (50%)

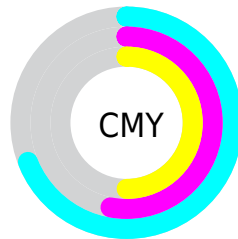


Cyan (38%)

Magenta (7%)

Yellow (0%)

Black (50%)



Cyan (69%)

Magenta (53%)

Yellow (50%)

Brightness & Saturation Gradients

These gradients show how the Android color 4283398016 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 4283398016 by changing the saturation by 10% instead.



4283398016



4283398016

4294967295



4281753191



4286753717



4280108879



4288530384



4278267960



4290307053



4278197283



4292149247



4278190092



4294049791



4278190080



4283398016



4283398016



4282545536



4284250496



4281692800



4285103232

■ 4280905856

■ 4285890176

■ 4280053376

■ 4286742656

■ 4279200640

■ 4287595392

■ 4278348160

■ 4288447872

■ 4278216832

■ 4289300352

■ 4290087552

■ 4290940032

Harmonies

Analogous

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



4283529332



4283398016



4283987080

Triad

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



4283398016



4286867834



4285952344

Complementary

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



4283398016



4286601295

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.



4286737754



4283398016



4287260781

Square

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



4283398016



4286082180



4287195489



4285035869

Rectangle

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



4283398016



4284641929



4287195489



4286279768

Sweetspot

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



4283398016



4287931046



4283400280



4282995284



4292138196



4283716692

Same Dimension

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



4283398016



4284127398



4283391872



4281941824



4278216832



4278190080

Inverse Universe

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



4286599031



4289092248



4286607439



4282399039



4286578792



4278190080

Previews

White Background



This preview shows how the Android color 4283398016 looks on a white background.

Color Contrast Check

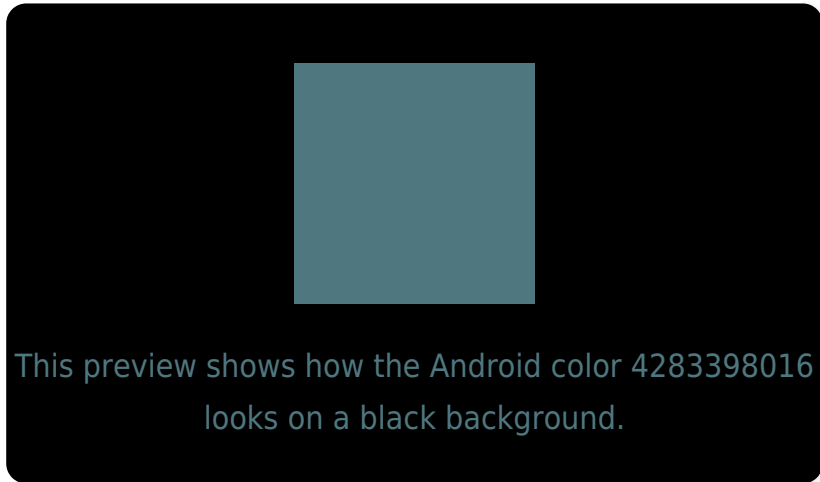
Large Text (above 18pt) WCAG AA ✓ Pass

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

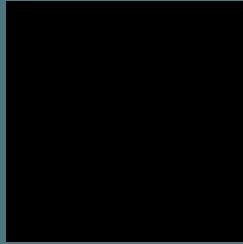
Any Text WCAG AA × Fail

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 4283398016 Background



This preview shows how black text looks on a background with the Android color 4283398016.



This preview shows how white text looks on a background with the Android color 4283398016.

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

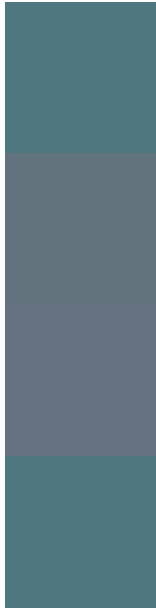


Original Color
4283398016

Protanopia
4285493371

Deuteranopia
4285755010

Trichromacy



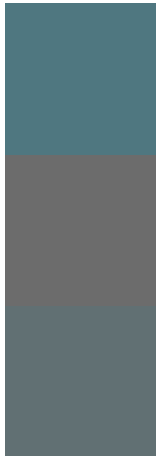
Original Color
4283398016

Protanomaly
4284707709

Deuteranomaly
4284903809

Tritanomaly
4283398016

Monochromacy



Original Color
4283398016

Achromatopsia
4285295724

Achromatomaly
4284575859

CSS Examples

Text

The CSS property to change the color of the text to Android 4283398016 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(79, 119, 128)` looks like.

```
.text, #text, p{  
    color:rgb(79, 119, 128)  
}
```

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(79, 119, 128) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(79, 119, 128) }
```

Border

The CSS property to change the border of an element to Android 4283398016 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(79, 119, 128) }
```

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

```
.border{ border-color:rgb(79, 119, 128) }
```

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

Here you see how a box with a 4 pixel `rgb(79, 119, 128)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(79, 119, 128); -webkit-box-  
shadow:4px 4px 4px 4px rgb(79, 119, 128);  
box-shadow:4px 4px 4px 4px rgb(79, 119,  
128) }
```

Background

The CSS property to change the background color of an element to Android 4283398016 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(79, 119, 128) }
```

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

```
.background{ background-color: rgb(79, 119,  
128) }
```

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