

Converting Colors

Android(4279268197)

Have a look what the booklet for
Android(4279268197) contains.

Android(4279268197)	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(4279268197)

Conversions

Conversions Part 1

Format	Color
Hex	107365
RGB	16, 115, 101
RGB Percent	6%, 45%, 40%
CMY	0.9373, 0.5490, 0.6039
CMYK	0.86, 0.00, 0.12, 0.55
HSL	172°, 76%, 26%
HSV	172°, 86%, 45%
XYZ	8.6934, 13.3112, 14.4231
YIQ	83.8030, -54.5100, -25.3420

Conversions

Conversions Part 2

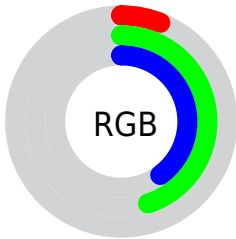
Format	Color
R_{YB}	16, 69, 115
Decimal	1078117
CIE _{Lab}	43.23, -30.02, 0.17
CIE _{LCh}	43, 30.017, 179.683
Yxy	13.3112, 0.2386, 0.3654
Android (android.graphics.Color)	4279268197 (0xFF107365)
YUV	83.8030, 8.4781, -59.4632
Hunter-Lab	36.4845, -21.3157, 2.1007

Details

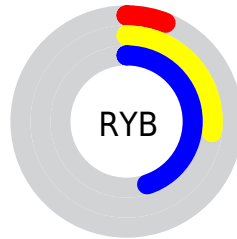
The Android color **4279268197** is a dark color, and the websafe version is hex **006666**. A complement of this color would be **4285730846**, and the grayscale version is **4283716692**.

A 20% lighter version of the original color is **4283541656**, and **4278207030** is the 20% darker color. If you saturate the color by 10%, you get **4278481763**, and if you desaturate by 10%, it is **4279989095**.

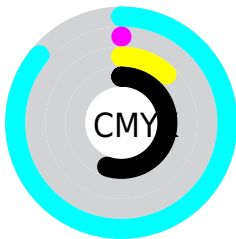
Distribution



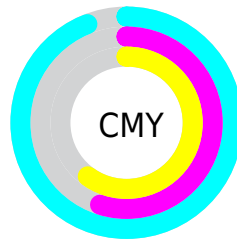
- Red (6%)
- Green (45%)
- Blue (40%)



- Red (6%)
- Yellow (27%)
- Blue (45%)



- Cyan (86%)
- Magenta (0%)
- Yellow (12%)
- Black (55%)



- Cyan (94%)
- Magenta (55%)
- Yellow (60%)

Brightness & Saturation Gradients

These gradients show how the Android color 4279268197 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 4279268197 by changing the saturation by 10% instead.



4279268197



4279268197

4294967295



4278213197



4283541656



4278207030



4285383603



4278201121



4287225806



4278195211



4289068266



4278190080



4290904063



4292804607



4294770687



4279268197



4279268197

■ 4278481763

■ 4279989095

■ 4278219619

■ 4280775528

■ 4281496426

■ 4282282860

■ 4283003757

■ 4283790191

■ 4284576624

■ 4285297522

■ 4286083956

Harmonies

Analogous

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



4282282316



4279268197



4278219646

Triad

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



4279268197



4285030545



4287257660

Complementary

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



4279268197



4285730846

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.



4287976527



4279268197



4286928768

Square

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



4279268197



4282280344



4287910503



4285949236

Rectangle

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



4279268197



4278219147



4287910503



4287519041

Sweetspot

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



4279268197



4285503121



4280251152



4281683273



4291611852



4283256141

Same Dimension

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



4279268197



4278228609



4279259251



4281678650



4278221417



4278254295

Inverse Universe

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



4285730846



4288020501



4285739792



4282070326



4286185489



4294574115

Previews

White Background



This preview shows how the Android color 4279268197 looks on a white background.

Color Contrast Check

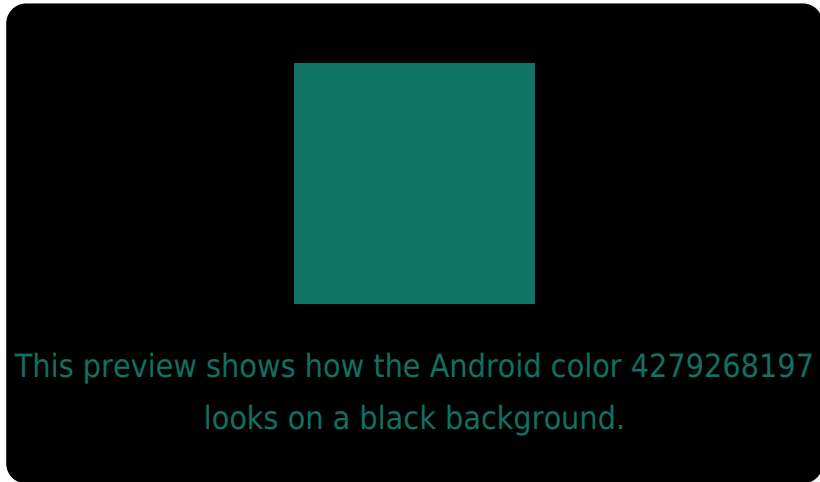
Large Text (above 18pt) WCAG AA ✓ Pass

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 4279268197 Background



This preview shows how black text looks on a background with the Android color 4279268197.

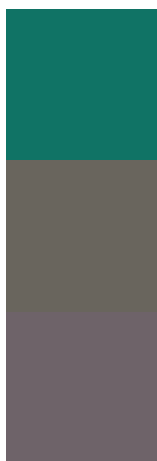


This preview shows how white text looks on a background with the Android color 4279268197.

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
4279268197

Protanopia
4285097309

Deuteranopia
4285424489

Trichromacy



Original Color
4279268197

Protanomaly
4283001440

Deuteranomaly
4283197800

Tritanomaly
4279988594

Monochromacy



Original Color
4279268197

Achromatopsia
4283716692

Achromatomaly
4282081114

CSS Examples

Text

The CSS property to change the color of the text to Android 4279268197 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(16, 115, 101)` looks like.

```
.text, #text, p{  
    color:rgb(16, 115, 101)  
}
```

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(16, 115, 101) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(16, 115, 101) }
```

Border

The CSS property to change the border of an element to Android 4279268197 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(16, 115, 101) }
```

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

```
.border{ border-color:rgb(16, 115, 101) }
```

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

Here you see how a box with a 4 pixel rgb(16, 115, 101) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(16, 115, 101); -webkit-box-  
shadow:4px 4px 4px 4px rgb(16, 115, 101);  
box-shadow:4px 4px 4px 4px rgb(16, 115,  
101) }
```

Background

The CSS property to change the background color of an element to Android 4279268197 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(16, 115, 101) }
```

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

```
.background{ background-color: rgb(16, 115,  
101) }
```

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