

Converting Colors

Android(4280385369)

Have a look what the booklet for
Android(4280385369) contains.

Android(4280385369)	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(4280385369)

Conversions

Conversions Part 1

Format	Color
Hex	217F59
RGB	33, 127, 89
RGB Percent	13%, 50%, 35%
CMY	0.8706, 0.5020, 0.6510
CMYK	0.74, 0.00, 0.30, 0.50
HSL	156°, 59%, 31%
HSV	156°, 74%, 50%
XYZ	10.0197, 16.2233, 12.0545
YIQ	94.5620, -43.8260, -31.7460

Conversions

Conversions Part 2

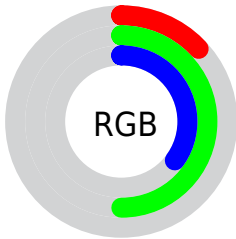
Format	Color
R_{YB}	33, 92, 127
Decimal	2195289
CIE _{Lab}	47.27, -36.50, 13.05
CIE _{LCh}	47, 38.762, 160.333
Yxy	16.2233, 0.2616, 0.4236
Android (android.graphics.Color)	4280385369 (0xFF217F59)
YUV	94.5620, -2.7421, -53.9899
Hunter-Lab	40.2782, -26.0826, 10.4504

Details

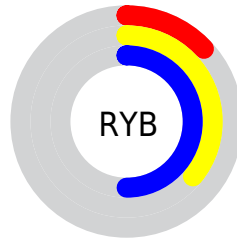
The Android color `4280385369` is a dark color, and the websafe version is hex `339966`. A complement of this color would be `4286521671`, and the grayscale version is `4284440415`.

A 20% lighter version of the original color is `4284265867`, and `4278209835` is the 20% darker color. If you saturate the color by 10%, you get `4279533396`, and if you desaturate by 10%, it is `4281237342`.

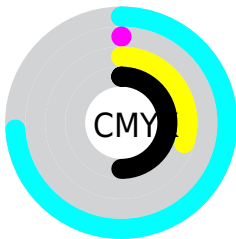
Distribution



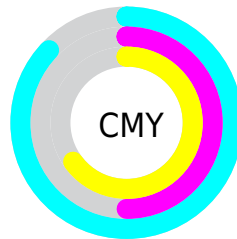
- Red (13%)
- Green (50%)
- Blue (35%)



- Red (13%)
- Yellow (36%)
- Blue (50%)



- Cyan (74%)
- Magenta (0%)
- Yellow (30%)
- Black (50%)



- Cyan (87%)
- Magenta (50%)
- Yellow (65%)

Brightness & Saturation Gradients

These gradients show how the Android color 4280385369 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 4280385369 by changing the saturation by 10% instead.



4280385369



4280385369

4294967295



4278216002



4284265867



4278209835



4286042277



4278203670



4287884737



4278198528



4289724381



4278190080



4291624953



4293525503



4280385369



4280385369



4279533396



4281237342

■ 4278746959

■ 4282023779

■ 4278222668

■ 4282875752

■ 4283727726

■ 4284579699

■ 4285366136

■ 4286218109

■ 4287070082

■ 4287856519

Harmonies

Analogous

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



4283791932



4280385369



4278223227

Triad

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



4280385369



4283199664



4289223495

Complementary

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



4280385369



4286521671

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.



4289549414



4280385369



4286669730

Square

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



4280385369



4278221229



4288764039



4287981362

Rectangle

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



4280385369



4278222992



4288764039



4289419345

Sweetspot

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



4280385369



4286686871



4282941217



4282274891



4292138196



4283716692

Same Dimension

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



4280385369



4279412330



4280383359



4281942077



4278222924



4278190080

Inverse Universe

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



4286521671



4289073742



4286523681



4282399036



4286578740



4278190080

Previews

White Background



This preview shows how the Android color 4280385369 looks on a white background.

Color Contrast Check

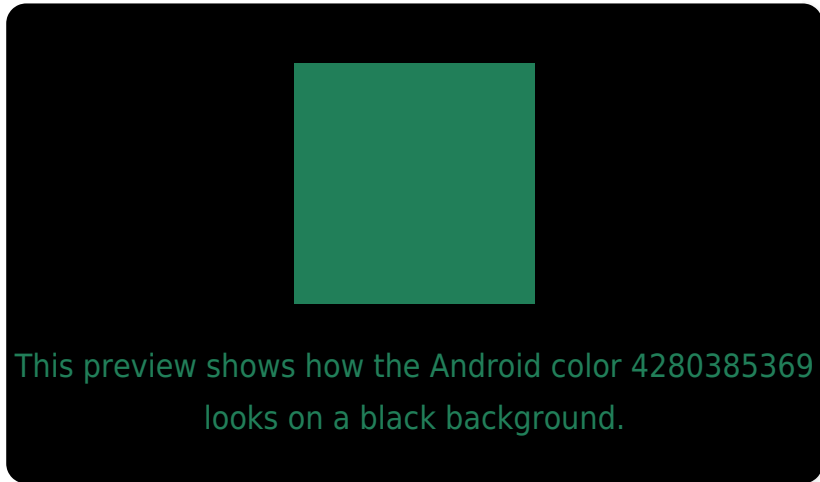
Large Text (above 18pt) WCAG AA ✓ Pass

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 4280385369 Background



This preview shows how black text looks on a background with the Android color 4280385369.

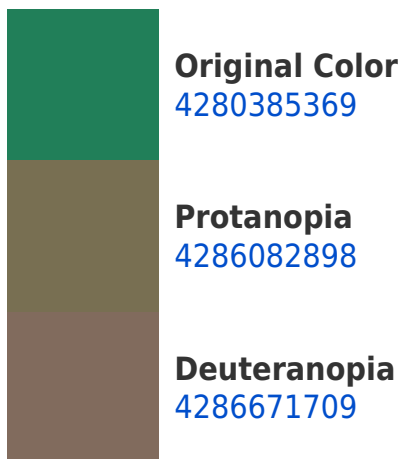


This preview shows how white text looks on a background with the Android color 4280385369.

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

4280385369



Protanomaly

4283987285



Deuteranomaly

4284379740



Tritanomaly

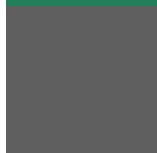
4281171060

Monochromacy



Original Color

4280385369



Achromatopsia

4284440415



Achromatomaly

4282936157

CSS Examples

Text

The CSS property to change the color of the text to Android 4280385369 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(33, 127, 89)` looks like.

```
.text, #text, p{  
    color:rgb(33, 127, 89)  
}
```

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(33, 127, 89) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(33, 127, 89) }
```

Border

The CSS property to change the border of an element to Android 4280385369 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(33, 127, 89) }
```

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

```
.border{ border-color:rgb(33, 127, 89) }
```

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

Here you see how a box with a 4 pixel rgb(33, 127, 89) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(33, 127, 89); -webkit-box-  
shadow:4px 4px 4px 4px rgb(33, 127, 89);  
box-shadow:4px 4px 4px 4px rgb(33, 127,  
89) }
```

Background

The CSS property to change the background color of an element to Android 4280385369 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(33, 127, 89) }
```

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

```
.background{ background-color: rgb(33, 127,  
89) }
```

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