

Converting Colors

Android(4283473744)

Have a look what the booklet for
Android(4283473744) contains.

| | |
|--|----|
| Android(4283473744) | 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(4283473744)

Conversions

Conversions Part 1

| Format | Color |
|-------------|------------------------------|
| Hex | 509F50 |
| RGB | 80, 159, 80 |
| RGB Percent | 31%, 62%, 31% |
| CMY | 0.6863, 0.3765, 0.6863 |
| CMYK | 0.50, 0.00, 0.50, 0.38 |
| HSL | 120°, 33%, 47% |
| HSV | 120°, 50%, 62% |
| XYZ | 17.1544, 27.0809, 11.9124 |
| YIQ | 126.3730, -21.7250, -41.3170 |

Conversions

Conversions Part 2

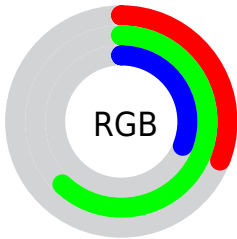
| Format | Color |
|-------------------------------------|---------------------------------|
| RYB | 80, 159, 159 |
| Decimal | 5283664 |
| CIELab | 59.05, -40.92, 33.74 |
| CIElCh | 59, 53.039, 140.497 |
| Yxy | 27.0809, 0.3055, 0.4823 |
| Android (android.graphics.Color) | 4283473744 (0xFF509F50) |
| YUV | 126.3730, -22.8619, -40.6691 |
| Hunter-Lab | 52.0393, -32.2277, 22.8553 |

Details

The Android color `4283473744` is a dark color, and the websafe version is hex `339933`. A complement of this color would be `4288630943`, and the grayscale version is `4286545791`.

A 20% lighter version of the original color is `4287092355`, and `4279462688` is the 20% darker color. If you saturate the color by 10%, you get `4282425152`, and if you desaturate by 10%, it is `4284522336`.

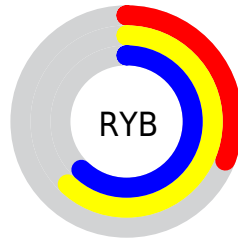
Distribution



Red (31%)

Green (62%)

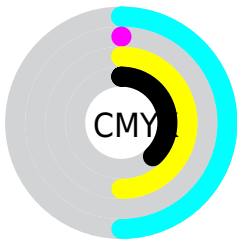
Blue (31%)



Red (31%)

Yellow (62%)

Blue (62%)

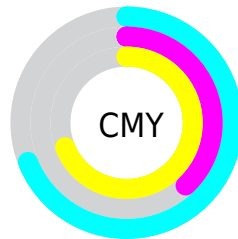


Cyan (50%)

Magenta (0%)

Yellow (50%)

Black (38%)



Cyan (69%)

Magenta (38%)

Yellow (69%)

Brightness & Saturation Gradients

These gradients show how the Android color 4283473744 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 4283473744 by changing the saturation by 10% instead.



4283473744



4283473744

4294967295



4281631800



4287092355



4279462688



4288869277



4278211078



4290772921



4278204928



4292607957



4278199552



4294574065



4278190080



4283473744



4283473744



4282425152



4284522336



4281376560



4285570928

 4280327968

 4286619520

 4279279376


 4287668112

 4278230784

 4288716704

 4289699759

 4290748351

 4291796943

 4292845535

Harmonies

Analogous

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



4287141168



4283473744



4278232189

Triad

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



4283473744



4278229226



4293092976

Complementary

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



4283473744



4288630943

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.



4292634271



4283473744



4285958374

Square

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



4283473744



4278231509



4290278602



4292113479

Rectangle

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



4283473744



4278232478



4290278602



4293158016

Sweetspot

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



4283473744



4289777584



4288651088



4283853142



4293454056



4285098345

Same Dimension

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



4283473744



4283682643



4283473784



4282863431



4278226688



4278193920

Inverse Universe

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



4288630943



4291777487



4288630904



4283385679



4287561871



4279173135

Previews

White Background



This preview shows how the Android color 4283473744 looks on a white background.

Color Contrast Check

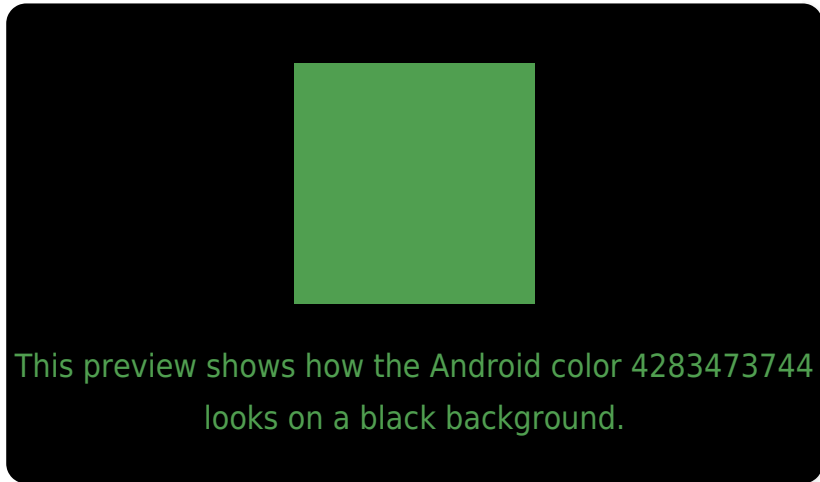
Large Text (above 18pt) WCAG AA ✓ Pass

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 4283473744 Background



This preview shows how black text looks on a background with the Android color 4283473744.



This preview shows how white text looks on a background with the Android color 4283473744.

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
4283473744

Protanopia
4288449866

Deuteranopia
4289431382

Trichromacy



Original Color
4283473744

Protanomaly
4286616652

Deuteranomaly
4287270996

Tritanomaly
4284193156

Monochromacy



Original Color
4283473744

Achromatopsia
4286479998

Achromatomaly
4285368941

CSS Examples

Text

The CSS property to change the color of the text to Android 4283473744 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(80, 159, 80)` looks like.

```
.text, #text, p{  
    color:rgb(80, 159, 80)  
}
```

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(80, 159, 80) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(80, 159, 80) }
```

Border

The CSS property to change the border of an element to Android 4283473744 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(80, 159, 80) }
```

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

```
.border{ border-color:rgb(80, 159, 80) }
```

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

Here you see how a box with a 4 pixel `rgb(80, 159, 80)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(80, 159, 80); -webkit-box-  
shadow:4px 4px 4px 4px rgb(80, 159, 80);  
box-shadow:4px 4px 4px 4px rgb(80, 159,  
80) }
```

Background

The CSS property to change the background color of an element to Android 4283473744 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(80, 159, 80) }
```

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

```
.background{ background-color: rgb(80, 159,  
80) }
```

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