

# Converting Colors

Android(4283541907)

Have a look what the booklet for  
Android(4283541907) contains.

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**Color**

**Android(4283541907)**

# Conversions

## Conversions Part 1

Format	Color
Hex	51A993
RGB	81, 169, 147
RGB Percent	32%, 66%, 58%
CMY	0.6824, 0.3373, 0.4235
CMYK	0.52, 0.00, 0.13, 0.34
HSL	165°, 35%, 49%
HSV	165°, 52%, 66%
XYZ	22.8478, 32.2318, 32.6209
YIQ	140.1800, -45.3860, -25.4980

# Conversions

## Conversions Part 2

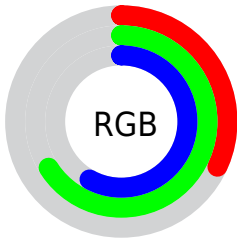
Format	Color
<a href="#">RYB</a>	<a href="#">81, 131, 169</a>
Decimal	<a href="#">5351827</a>
CIELab	<a href="#">63.53, -31.93, 3.30</a>
CIElCh	<a href="#">64, 32.101, 174.097</a>
Yxy	<a href="#">32.2318, 0.2605, 0.3675</a>
Android (android.graphics.Color)	<a href="#">4283541907</a> (0xFF51A993)
YUV	<a href="#">140.1800, 3.3623, -51.9009</a>
Hunter-Lab	<a href="#">56.7731, -27.5174, 5.6741</a>

# Details

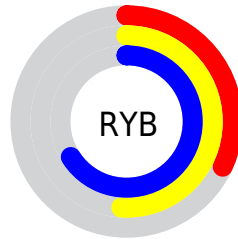
The Android color `4283541907` is a dark color, and the websafe version is hex `339999`. A complement of this color would be `4289286503`, and the grayscale version is `4287401100`.

A 20% lighter version of the original color is `4287226313`, and `4279268449` is the 20% darker color. If you saturate the color by 10%, you get `4282427791`, and if you desaturate by 10%, it is `4284656023`.

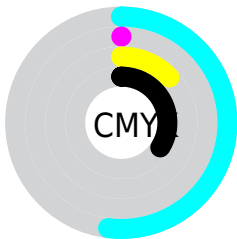
# Distribution



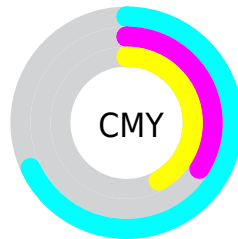
- Red (32%)
- Green (66%)
- Blue (58%)



- Red (32%)
- Yellow (51%)
- Blue (66%)



- Cyan (52%)
- Magenta (0%)
- Yellow (13%)
- Black (34%)



- Cyan (68%)
- Magenta (34%)
- Yellow (42%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4283541907 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 4283541907 by changing the saturation by 10% instead.





4283541907



4283541907

4294967295



4281634425



4287226313



4279268449



4289068773



4278213449



4290904063



4278207282



4292804607



4278201373



4294770687



4278195460



4278190080



4283541907



4283541907



4282427791



4284656023

■ 4281313675

■ 4285770139

■ 4280199558

■ 4286884256

■ 4279085442

■ 4287998372

■ 4278233471

■ 4289046952

■ 4290161068

■ 4291275185

■ 4292389301

■ 4293503417

# Harmonies

## Analogous

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



4285834871



4283541907



4281641392

# Triad

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



4283541907



4287993294



4291333229

# Complementary

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



4283541907



4289286503

# 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.



4291986820



4283541907



4290350012

# Square

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



4283541907



4285112018



4291658913



4289893985

# Rectangle

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



4283541907



4281706433



4291658913



4291660403



# Sweetspot

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



4283541907



4290304979



4284983633



4284051048



4293783021



4285427310



# Same Dimension

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



4283541907



4283685817



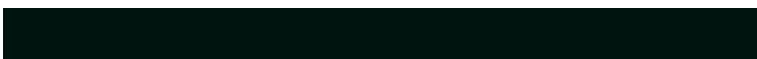
4283536297



4283192402



4278228079



4278195215



# Inverse Universe

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



4289286503



4292563829



4289292113



4283714638



4287889445



4279500805



# Previews

## White Background



This preview shows how the Android color 4283541907 looks on a white background.

## Color Contrast Check

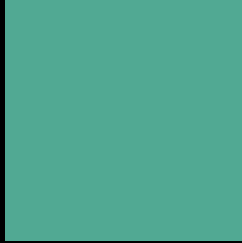
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

# Black Background



This preview shows how the Android color 4283541907 looks on a 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 ✓ Pass

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



# Android 4283541907 Background



This preview shows how black text looks on a background with the Android color 4283541907.

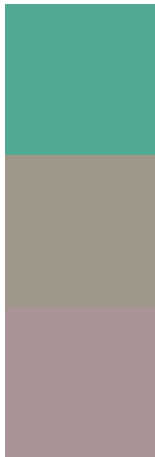


This preview shows how white text looks on a background with the Android color 4283541907.

# 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**  
4283541907

**Protanopia**  
4288649354

**Deuteranopia**  
4289238167



# Trichromacy



**Original Color**

4283541907



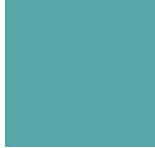
**Protanomaly**

4286815885



**Deuteranomaly**

4287143062



**Tritanomaly**

4283934375

# Monochromacy



**Original Color**

4283541907



**Achromatopsia**

4287401100



**Achromatomaly**

4286027663

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4283541907 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(81, 169, 147)` looks like.

```
.text, #text, p{  
    color:rgb(81, 169, 147)  
}
```

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(81, 169, 147) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(81, 169, 147) }
```

## Border

The CSS property to change the border of an element to Android 4283541907 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(81, 169, 147) }
```

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

```
.border{ border-color:rgb(81, 169, 147) }
```

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

Here you see how a box with a 4 pixel `rgb(81, 169, 147)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(81, 169, 147); -webkit-box-  
shadow:4px 4px 4px 4px rgb(81, 169, 147);  
box-shadow:4px 4px 4px 4px rgb(81, 169,  
147) }
```

# Background

The CSS property to change the background color of an element to Android 4283541907 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(81, 169, 147) }
```

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

```
.background{ background-color: rgb(81, 169,  
147) }
```

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](#).



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