

# Converting Colors

Android(4284332707)

Have a look what the booklet for  
Android(4284332707) contains.

<b>Android(4284332707)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	11
<b><i>Previews</i></b> .....	23
<b><i>Color Blindness Simulation</i></b> .....	26
<b><i>CSS Examples</i></b> .....	29

**Color**

**Android(4284332707)**

# Conversions

## Conversions Part 1

Format	Color
Hex	5DBAA3
RGB	93, 186, 163
RGB Percent	36%, 73%, 64%
CMY	0.6353, 0.2706, 0.3608
CMYK	0.50, 0.00, 0.12, 0.27
HSL	165°, 40%, 55%
HSV	165°, 50%, 73%
XYZ	28.6840, 40.0893, 40.8765
YIQ	155.5710, -48.0450, -26.8690

# Conversions

## Conversions Part 2

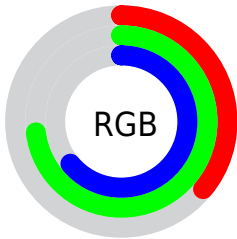
Format	Color
<a href="#">RYB</a>	<a href="#">93, 146, 186</a>
Decimal	<a href="#">6142627</a>
CIELab	<a href="#">69.53, -33.30, 3.19</a>
CIELCh	<a href="#">70, 33.450, 174.523</a>
Yxy	<a href="#">40.0893, 0.2616, 0.3656</a>
Android (android.graphics.Color)	<a href="#">4284332707 (0xFF5DBAA3)</a>
YUV	<a href="#">155.5710, 3.6625, -54.8748</a>
Hunter-Lab	<a href="#">63.3161, -29.9377, 6.0440</a>

# Details

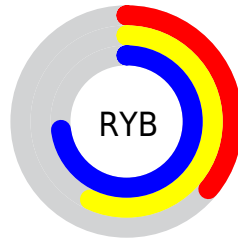
The Android color `4284332707` is a dark color, and the websafe version is hex `66CCCC`. A complement of this color would be `4290403700`, and the grayscale version is `4288453788`.

A 20% lighter version of the original color is `4288017370`, and `4280321135` is the 20% darker color. If you saturate the color by 10%, you get `4283087518`, and if you desaturate by 10%, it is `4285577896`.

# Distribution



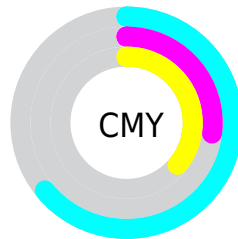
- Red (36%)
- Green (73%)
- Blue (64%)



- Red (36%)
- Yellow (57%)
- Blue (73%)



- Cyan (50%)
- Magenta (0%)
- Yellow (12%)
- Black (27%)



- Cyan (64%)
- Magenta (27%)
- Yellow (36%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4284332707 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 4284332707 by changing the saturation by 10% instead.





4284332707



4284332707

4294967295



4282425225



4288017370



4280321135



4289921014



4278217559



4291756031



4278211136



4293722111



4278204970



4278199573



4278190080



4284332707



4284332707



4283087518



4285577896

■ 4281907866

■ 4286757548

■ 4280662677

■ 4288002737

■ 4279483025

■ 4289182389

■ 4278237836

■ 4290427578

■ 4291672767

■ 4292852419

■ 4294097608

■ 4294949580

# Harmonies

## Analogous

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



4286756486



4284332707



4282497730

# Triad

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



4284332707



4289111265



4292582522

# Complementary

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



4284332707



4290403700

# 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.



4293301394



4284332707



4291533517

# Square

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



4284332707



4286033638



4292973489



4291077741

# Rectangle

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



4284332707



4282562771



4292973489



4292909441



# Sweetspot

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



4284332707



4291752681



4285839965



4284775029



4294638330



4286216826



# Same Dimension

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



4284332707



4284609230



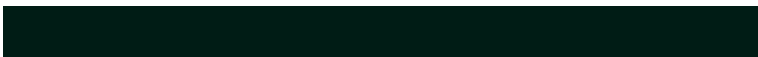
4284326842



4283653210



4278230133



4278197269



# Inverse Universe

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



4290403700



4294074757



4290409565



4284240725



4288413734

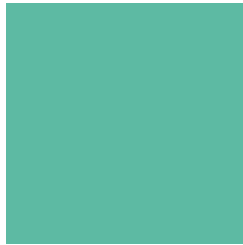


4280025095



# Previews

## White Background



This preview shows how the Android color 4284332707 looks on a white background.

## Color Contrast Check

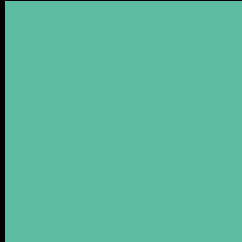
Large Text (above 18pt) WCAG AA × Fail

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 4284332707 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

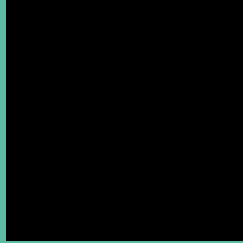
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



# Android 4284332707 Background



This preview shows how black text looks on a background with the Android color 4284332707.



This preview shows how white text looks on a background with the Android color 4284332707.

# 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**

4284332707



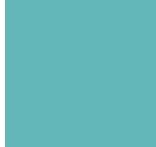
**Protanomaly**

4287737757



**Deuteranomaly**

4288195494



**Tritanomaly**

4284725176

# Monochromacy



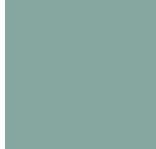
**Original Color**

4284332707



**Achromatopsia**

4288453788



**Achromatomaly**

4286949279

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4284332707 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(93, 186, 163)` looks like.

```
.text, #text, p{  
    color:rgb(93, 186, 163)  
}
```

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(93, 186, 163) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(93, 186, 163) }
```

## Border

The CSS property to change the border of an element to Android 4284332707 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(93, 186, 163) }
```

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

```
.border{ border-color:rgb(93, 186, 163) }
```

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

Here you see how a box with a 4 pixel `rgb(93, 186, 163)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(93, 186, 163); -webkit-box-  
shadow:4px 4px 4px 4px rgb(93, 186, 163);  
box-shadow:4px 4px 4px 4px rgb(93, 186,  
163) }
```

# Background

The CSS property to change the background color of an element to Android 4284332707 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(93, 186, 163) }
```

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

```
.background{ background-color: rgb(93, 186,  
163) }
```

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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