

# Converting Colors

Android(4284078508)

Have a look what the booklet for  
Android(4284078508) contains.

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# **Color**

**Android(4284078508)**

# Conversions

## Conversions Part 1

Format	Color
Hex	59D9AC
RGB	89, 217, 172
RGB Percent	35%, 85%, 67%
CMY	0.6510, 0.1490, 0.3255
CMYK	0.59, 0.00, 0.21, 0.15
HSL	159°, 63%, 60%
HSV	159°, 59%, 85%
XYZ	36.3791, 54.7281, 47.6759
YIQ	173.5980, -61.8430, -41.1310

# Conversions

## Conversions Part 2

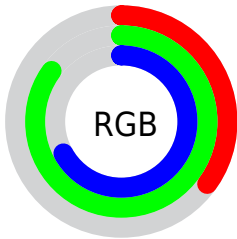
Format	Color
<a href="#">RYB</a>	<a href="#">89, 167, 217</a>
Decimal	<a href="#">5888428</a>
CIELab	<a href="#">78.88, -45.96, 11.72</a>
CIELCh	<a href="#">79, 47.427, 165.690</a>
Yxy	<a href="#">54.7281, 0.2621, 0.3943</a>
Android (android.graphics.Color)	<a href="#">4284078508 (0xFF59D9AC)</a>
YUV	<a href="#">173.5980, -0.7878, -74.1924</a>
Hunter-Lab	<a href="#">73.9785, -41.6845, 13.5751</a>

# Details

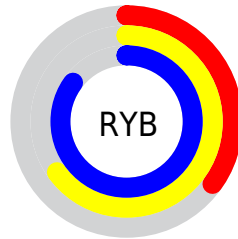
The Android color `4284078508` is a light color, and the websafe version is hex `66CC99`. The color can be described as light muted spring green. A complement of this color would be `4292434310`, and the grayscale version is `4289638062`.

A 20% lighter version of the original color is `4288020451`, and `4278231416` is the 20% darker color. If you saturate the color by 10%, you get `4282636708`, and if you desaturate by 10%, it is `4285520308`.

# Distribution



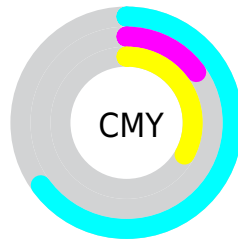
- Red (35%)
- Green (85%)
- Blue (67%)



- Red (35%)
- Yellow (65%)
- Blue (85%)



- Cyan (59%)
- Magenta (0%)
- Yellow (21%)
- Black (15%)



- Cyan (65%)
- Magenta (15%)
- Yellow (33%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4284078508 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 4284078508 by changing the saturation by 10% instead.





4284078508



4284078508

4294967295



4281908625



4288020451



4278231416



4289986559



4278224479



4291952639



4278217799



4293918719



4278211377



4278205211



4278199554



4278190080




4284078508



4284078508

 4282636708

 4285520308

 4281260445

 4286896571


 4279818645

 4288338371

 4278376845

 4289780171

 4278245773

 4291221970

 4292598234

 4294040033

 4294957545

 4294957553

# Harmonies

## Analogous

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



4288140164



4284078508



4278246106

# Triad

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



4284078508



4289183999



4294945414

# Complementary

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



4284078508



4292434310

# 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.



4294942894



4284078508



4293242879

# Square

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



4284078508



4283420415



4294943450



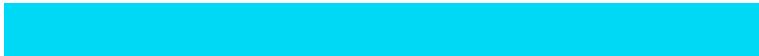
4294031725

# Rectangle

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



4284078508



4278245877



4294943450



4294944402

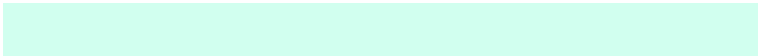


# Sweetspot

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



4284078508



4291952623



4287158617



4284711030



4278190080



4286611584



# Same Dimension

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



4284078508



4283105215



4284074201



4284706410



4278234480



4278201886



# Inverse Universe

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



4292434310



4294920842



4292438617



4285424487



4289527869

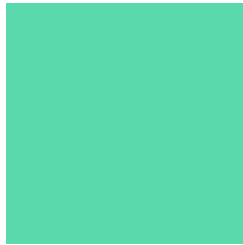


4281204752



# Previews

## White Background



This preview shows how the Android color 4284078508 looks on a white background.

## Color Contrast Check

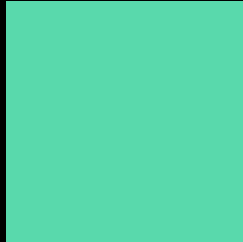
Large Text (above 18pt) WCAG AA × Fail

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 4284078508 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

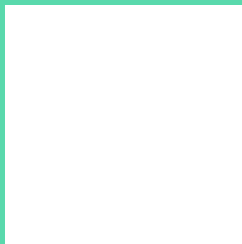
If you want to check with other color combinations, try the [Color Contrast Checker](#).



# Android 4284078508 Background



This preview shows how black text looks on a background with the Android color 4284078508.

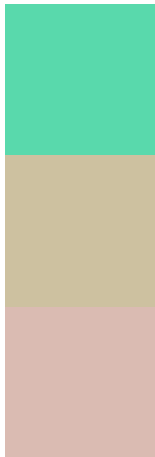


This preview shows how white text looks on a background with the Android color 4284078508.

# 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**  
4284078508

**Protanopia**  
4291674528

**Deuteranopia**  
4292524978



# Trichromacy



**Original Color**

4284078508



**Protanomaly**

4288924324



**Deuteranomaly**

4289447600



**Tritanomaly**

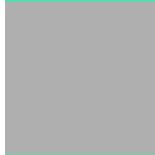
4284863951

# Monochromacy



**Original Color**

4284078508



**Achromatopsia**

4289638062



**Achromatomaly**

4287610541

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4284078508 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(89, 217, 172)` looks like.

```
.text, #text, p{  
    color:rgb(89, 217, 172)  
}
```

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(89, 217, 172) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(89, 217, 172) }
```

## Border

The CSS property to change the border of an element to Android 4284078508 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(89, 217, 172) }
```

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

```
.border{ border-color:rgb(89, 217, 172) }
```

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

Here you see how a box with a 4 pixel `rgb(89, 217, 172)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(89, 217, 172); -webkit-box-  
shadow:4px 4px 4px 4px rgb(89, 217, 172);  
box-shadow:4px 4px 4px 4px rgb(89, 217,  
172) }
```

# Background

The CSS property to change the background color of an element to Android 4284078508 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(89, 217, 172) }
```

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

```
.background{ background-color: rgb(89, 217,  
172) }
```

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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