

# Converting Colors

Android(4284139436)

Have a look what the booklet for  
Android(4284139436) contains.

<b>Android(4284139436)</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(4284139436)**

# Conversions

## Conversions Part 1

Format	Color
Hex	5AC7AC
RGB	90, 199, 172
RGB Percent	35%, 78%, 67%
CMY	0.6471, 0.2196, 0.3255
CMYK	0.55, 0.00, 0.14, 0.22
HSL	165°, 49%, 57%
HSV	165°, 55%, 78%
XYZ	32.0863, 45.9991, 46.2173
YIQ	163.3310, -56.2970, -31.5050

# Conversions

## Conversions Part 2

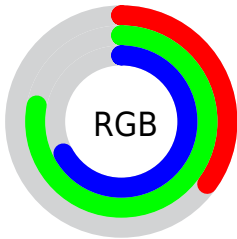
<b>Format</b>	<b>Color</b>
<b>RYB</b>	90, 152, 199
Decimal	5949356
CIELab	73.54, -37.82, 4.08
CIELCh	74, 38.041, 173.841
Yxy	45.9991, 0.2581, 0.3701
Android (android.graphics.Color)	4284139436 (0xFF5AC7AC)
YUV	163.3310, 4.2738, -64.3113
Hunter-Lab	67.8226, -34.2428, 7.0730

# Details

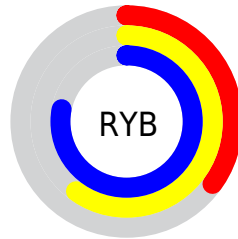
The Android color `4284139436` is a light color, and the websafe version is hex `66CC99`. The color can be described as light muted spring green. A complement of this color would be `4291254901`, and the grayscale version is `4288914339`.

A 20% lighter version of the original color is `4287954915`, and `4279406712` is the 20% darker color. If you saturate the color by 10%, you get `4282828711`, and if you desaturate by 10%, it is `4285450161`.

# Distribution



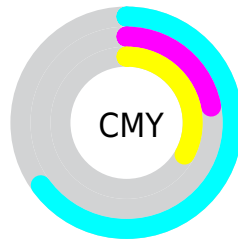
- Red (35%)
- Green (78%)
- Blue (67%)



- Red (35%)
- Yellow (60%)
- Blue (78%)



- Cyan (55%)
- Magenta (0%)
- Yellow (14%)
- Black (22%)



- Cyan (65%)
- Magenta (22%)
- Yellow (33%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4284139436 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 4284139436 by changing the saturation by 10% instead.





4284139436



4284139436

4294967295



4282100625



4287954915



4279406712



4289855487



4278220383



4291756031



4278213959



4293722111



4278207537



4278201628



4278195458



4278190080




4284139436



4284139436

 4282828711

 4285450161

 4281517986

 4286760886

 4280207261

 4288071611

 4278896536

 4289382336

 4278241174

 4290693061

 4291938250

 4293248975

 4294559699

 4294952920

# Harmonies

## Analogous

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



4287087498



4284139436



4281321424

# Triad

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



4284139436



4289703668



4293764222

# Complementary

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



4284139436



4291254901

# 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.



4294548378



4284139436



4292518622

# Square

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



4284139436



4286036729



4294154941



4291997807

# Rectangle

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



4284139436



4281320932



4294154941



4294091142

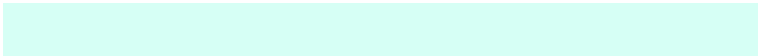


# Sweetspot

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



4284139436



4292280309



4285908826



4284973177



4278190080



4286611584



# Same Dimension

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



4284139436



4283957205



4284132551



4284113761



4278231931



4278199323



# Inverse Universe

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



4291254901



4294924160



4291261786



4284701276



4288872488

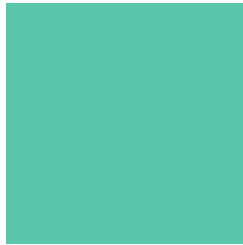


4280549385



# Previews

## White Background



This preview shows how the Android color 4284139436 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 4284139436 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 4284139436 Background



This preview shows how black text looks on a background with the Android color 4284139436.



This preview shows how white text looks on a background with the Android color 4284139436.

# 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**

4284139436



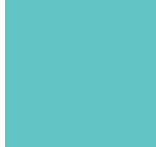
**Protanomaly**

4288199333



**Deuteranomaly**

4288591791



**Tritanomaly**

4284662980

# Monochromacy



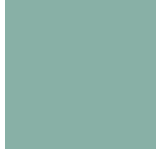
**Original Color**

4284139436



**Achromatopsia**

4288914339



**Achromatomaly**

4287148198

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4284139436 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(90, 199, 172)` looks like.

```
.text, #text, p{  
    color:rgb(90, 199, 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(90, 199, 172) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(90, 199, 172) }
```

## Border

The CSS property to change the border of an element to Android 4284139436 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(90, 199, 172) }
```

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

```
.border{ border-color:rgb(90, 199, 172) }
```

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

Here you see how a box with a 4 pixel `rgb(90, 199, 172)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(90, 199, 172); -webkit-box-  
shadow:4px 4px 4px 4px rgb(90, 199, 172);  
box-shadow:4px 4px 4px 4px rgb(90, 199,  
172) }
```

# Background

The CSS property to change the background color of an element to Android 4284139436 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(90, 199, 172) }
```

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

```
.background{ background-color: rgb(90, 199,  
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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