

# Converting Colors

Android(4284141007)

Have a look what the booklet for  
Android(4284141007) contains.

<b>Android(4284141007)</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(4284141007)**

# Conversions

## Conversions Part 1

Format	Color
Hex	5ACDCF
RGB	90, 205, 207
RGB Percent	35%, 80%, 81%
CMY	0.6471, 0.1961, 0.1882
CMYK	0.57, 0.01, 0.00, 0.19
HSL	181°, 55%, 58%
HSV	181°, 57%, 81%
XYZ	37.3103, 50.3413, 66.7819
YIQ	170.8430, -69.1820, -23.7580

# Conversions

## Conversions Part 2

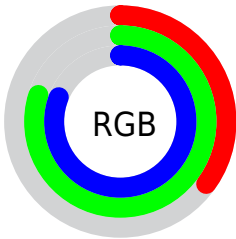
Format	Color
<a href="#">RYB</a>	<a href="#">90, 148, 207</a>
Decimal	<a href="#">5950927</a>
CIELab	<a href="#">76.28, -31.65, -10.83</a>
CIELCh	<a href="#">76, 33.452, 198.884</a>
Yxy	<a href="#">50.3413, 0.2416, 0.3260</a>
Android (android.graphics.Color)	<a href="#">4284141007</a> ( <a href="#">0xFF5ACDCF</a> )
YUV	<a href="#">170.8430, 17.8254, -70.8993</a>
Hunter-Lab	<a href="#">70.9516, -30.3002, -6.1395</a>

# Details

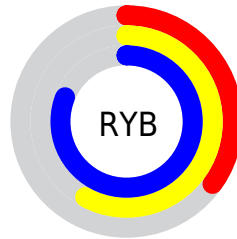
The Android color `4284141007` is a light color, and the websafe version is hex `66CCCC`. The color can be described as light muted cyan. A complement of this color would be `4291779674`, and the grayscale version is `4289440683`.

A 20% lighter version of the original color is `4288086015`, and `4278228633` is the 20% darker color. If you saturate the color by 10%, you get `4282764751`, and if you desaturate by 10%, it is `4285517263`.

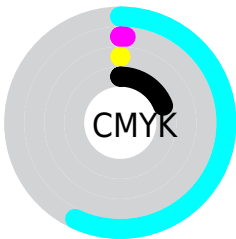
# Distribution



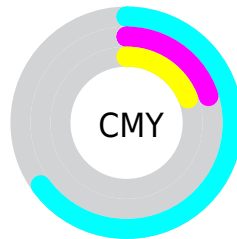
- Red (35%)
- Green (80%)
- Blue (81%)



- Red (35%)
- Yellow (58%)
- Blue (81%)



- Cyan (57%)
- Magenta (1%)
- Yellow (0%)
- Black (19%)



- Cyan (65%)
- Magenta (20%)
- Yellow (19%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4284141007 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 4284141007 by changing the saturation by 10% instead.



 4284141007

 4284141007

4294967295

 4281905587

 4288086015

 4278228633

 4290052095

 4278221951

 4292018175

 4278215526

 4293984255

 4278209102

 4278203191

 4278198050

 4278190091

 4278190080

■ 4284141007

■ 4284141007

■ 4282764751

■ 4285517263

■ 4281453775

■ 4286828239

■ 4280077519

■ 4288204495

■ 4278701263

■ 4289580751

■ 4278242255

■ 4290957263

■ 4292267983

■ 4293644239

■ 4294955215

# Harmonies

## Analogous

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



4285975727



4284141007



4284336874

# Triad

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



4284141007



4292390373



4292654720

# Complementary

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



4284141007



4291779674

# 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.



4294093967



4284141007



4294092489

# Square

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



4284141007



4289771766



4294616746



4290691201

# Rectangle

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



4284141007



4285777397



4294616746



4293243779



# Sweetspot

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



4284141007



4292148991



4284141404



4284907392



4278190080



4286611584



# Same Dimension

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



4284141007



4283628799



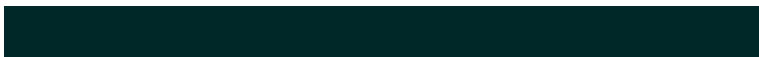
4284126159



4284377193



4278232488



4278200361



# Inverse Universe

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



4291779277



4294923004



4291794522



4285095528



4289200293

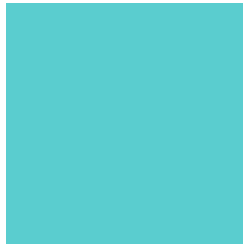


4280877096



# Previews

## White Background



This preview shows how the Android color 4284141007 looks on a white background.

## Color Contrast Check

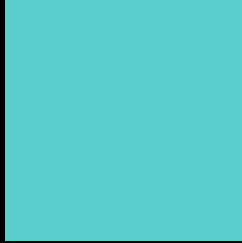
Large Text (above 18pt) WCAG AA × Fail

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 4284141007 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

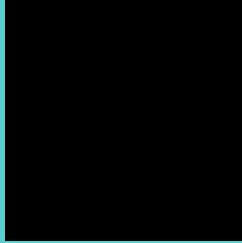
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

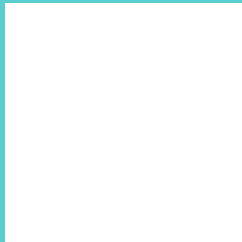
If you want to check with other color combinations, try the [Color Contrast Checker](#).



# Android 4284141007 Background



This preview shows how black text looks on a background with the Android color 4284141007.



This preview shows how white text looks on a background with the Android color 4284141007.

# 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**

4284141007



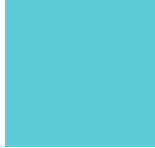
**Protanomaly**

4288201159



**Deuteranomaly**

4288462546



**Tritanomaly**

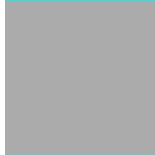
4284337367

# Monochromacy



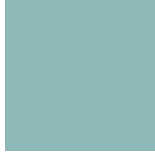
**Original Color**

4284141007



**Achromatopsia**

4289440683



**Achromatomaly**

4287543224

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4284141007 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, 205, 207)` looks like.

```
.text, #text, p{  
    color:rgb(90, 205, 207)  
}
```

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, 205, 207) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(90, 205, 207) }
```

## Border

The CSS property to change the border of an element to Android 4284141007 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, 205, 207) }
```

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

```
.border{ border-color:rgb(90, 205, 207) }
```

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

Here you see how a box with a 4 pixel `rgb(90, 205, 207)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(90, 205, 207); -webkit-box-  
shadow:4px 4px 4px 4px rgb(90, 205, 207);  
box-shadow:4px 4px 4px 4px rgb(90, 205,  
207) }
```

# Background

The CSS property to change the background color of an element to Android 4284141007 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(90, 205, 207) }
```

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

```
.background{ background-color: rgb(90, 205,  
207) }
```

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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