

# Converting Colors

Android(4284925649)

Have a look what the booklet for  
Android(4284925649) contains.

<b>Android(4284925649)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

# **Color**

**Android(4284925649)**

# Conversions

## Conversions Part 1

Format	Color
Hex	66C6D1
RGB	102, 198, 209
RGB Percent	40%, 78%, 82%
CMY	0.6000, 0.2235, 0.1804
CMYK	0.51, 0.05, 0.00, 0.18
HSL	186°, 54%, 61%
HSV	186°, 51%, 82%
XYZ	37.1822, 47.8164, 67.5914
YIQ	170.5500, -60.7470, -16.9310

# Conversions

## Conversions Part 2

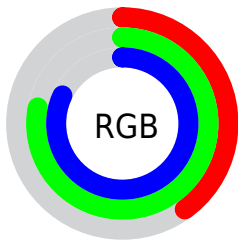
Format	Color
<a href="#">RYB</a>	<a href="#">102, 153, 209</a>
Decimal	<a href="#">6735569</a>
CIELab	<a href="#">74.71, -25.31, -14.22</a>
CIELCh	<a href="#">75, 29.026, 209.326</a>
Yxy	<a href="#">47.8164, 0.2437, 0.3134</a>
Android (android.graphics.Color)	<a href="#">4284925649</a> ( <a href="#">0xFF66C6D1</a> )
YUV	<a href="#">170.5500, 18.9559, -60.1183</a>
Hunter-Lab	<a href="#">69.1494, -25.0305, -9.5495</a>

# Details

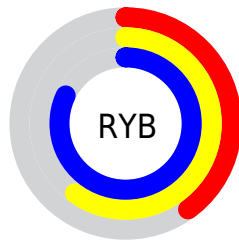
The Android color `4284925649` is a light color, and the websafe version is hex `66CCCC`. A complement of this color would be `4291916134`, and the grayscale version is `4289374890`.

A 20% lighter version of the original color is `4288741375`, and `4280651931` is the 20% darker color. If you saturate the color by 10%, you get `4283548881`, and if you desaturate by 10%, it is `4286302417`.

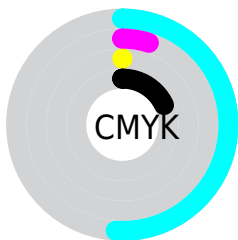
# Distribution



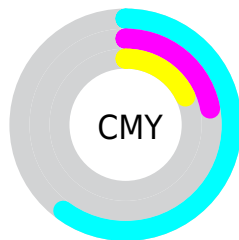
- Red (40%)
- Green (78%)
- Blue (82%)



- Red (40%)
- Yellow (60%)
- Blue (82%)



- Cyan (51%)
- Magenta (5%)
- Yellow (0%)
- Black (18%)



- Cyan (60%)
- Magenta (22%)
- Yellow (18%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4284925649 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 4284925649 by changing the saturation by 10% instead.





4284925649



4284925649

4294967295



4282952629



4288741375



4280651931



4290641919



4278220417



4292607999



4278213992



4294574079



4278207823



4278201913



4278196771



4278190092



4278190080

 4284925649

 4284925649

 4283548881

 4286302417

 4282172113

 4287679185

 4280795345

 4289055953

 4279418321

 4290432977

 4278238417

 4291809745

 4293120977

 4294497745

 4294957009

 4294957521

# Harmonies

## Analogous

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



4285843382



4284925649



4285776613

# Triad

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



4284925649



4292520403



4291606147

# Complementary

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



4284925649



4291916134

# 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.



4293045643



4284925649



4293633209

# Square

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



4284925649



4290490854



4293764767



4289707657

# Rectangle

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



4284925649



4287217132



4293764767



4292129668

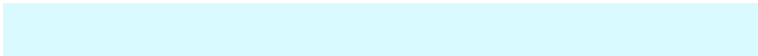


# Sweetspot

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



4284925649



4292475903



4284928369



4285103488



4278190080



4286611584



# Same Dimension

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



4284925649



4284739583



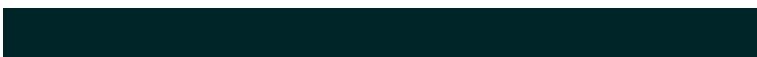
4284912081



4284376937



4278228904



4278199593



# Inverse Universe

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



4291913414



4294927343



4291929702



4285095527



4289200279

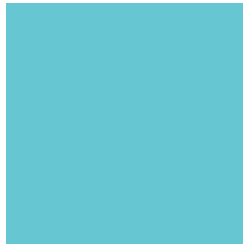


4280877093



# Previews

## White Background



This preview shows how the Android color 4284925649 looks on a white background.

## Color Contrast Check

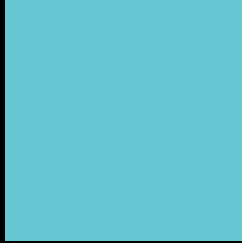
Large Text (above 18pt) WCAG AA × Fail

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 4284925649 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 4284925649 Background



This preview shows how black text looks on a background with the Android color 4284925649.



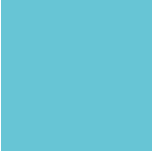
This preview shows how white text looks on a background with the Android color 4284925649.

# 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





**Tritanopia**  
4284990933

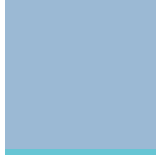
# Trichromacy



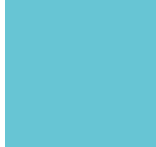
**Original Color**  
4284925649



**Protanomaly**  
4288199883



**Deuteranomaly**  
4288395732

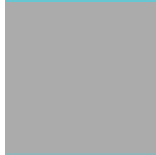


**Tritanomaly**  
4284990932

# Monochromacy



**Original Color**  
4284925649



**Achromatopsia**  
4289440683



**Achromatomaly**  
4287804857

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4284925649 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(102, 198, 209)` looks like.

```
.text, #text, p{  
    color:rgb(102, 198, 209)  
}
```

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(102, 198, 209) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(102, 198, 209) }
```

## Border

The CSS property to change the border of an element to Android 4284925649 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(102, 198, 209) }
```

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

```
.border{ border-color:rgb(102, 198, 209) }
```

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

Here you see how a box with a 4 pixel `rgb(102, 198, 209)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(102, 198, 209); -webkit-box-  
shadow:4px 4px 4px 4px rgb(102, 198, 209);  
box-shadow:4px 4px 4px 4px rgb(102, 198,  
209) }
```

# Background

The CSS property to change the background color of an element to Android 4284925649 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(102, 198, 209) }
```

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

```
.background{ background-color: rgb(102,  
198, 209) }
```

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](#).



Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

**[Learn more, Memberships starting at \\$2.50/m!](#)**

**Follow me  
on Twitter!**

@ConvertingColor