

# Converting Colors

Android(4284930490)

Have a look what the booklet for  
Android(4284930490) contains.

<b>Android(4284930490)</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(4284930490)**

# Conversions

## Conversions Part 1

Format	Color
Hex	66D9BA
RGB	102, 217, 186
RGB Percent	40%, 85%, 73%
CMY	0.6000, 0.1490, 0.2706
CMYK	0.53, 0.00, 0.14, 0.15
HSL	164°, 60%, 63%
HSV	164°, 53%, 85%
XYZ	39.1553, 55.9957, 55.1989
YIQ	179.0810, -58.5890, -34.0210

# Conversions

## Conversions Part 2

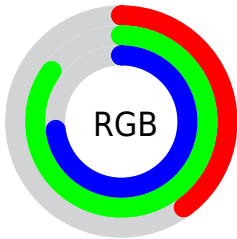
Format	Color
<a href="#">RYB</a>	<a href="#">102, 168, 217</a>
Decimal	<a href="#">6740410</a>
<a href="#">CIELab</a>	<a href="#">79.61, -40.08, 5.37</a>
<a href="#">CIELCh</a>	<a href="#">80, 40.439, 172.363</a>
<a href="#">Yxy</a>	<a href="#">55.9957, 0.2604, 0.3724</a>
Android (android.graphics.Color)	<a href="#">4284930490</a> ( <a href="#">0xFF66D9BA</a> )
<a href="#">YUV</a>	<a href="#">179.0810, 3.4111, -67.6000</a>
<a href="#">Hunter-Lab</a>	<a href="#">74.8302, -37.5520, 8.6456</a>

# Details

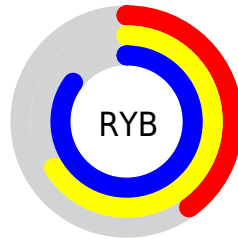
The Android color `4284930490` is a light color, and the websafe version is hex `66CC99`. A complement of this color would be `4292437637`, and the grayscale version is `4289967027`.

A 20% lighter version of the original color is `4288806898`, and `4280525189` is the 20% darker color. If you saturate the color by 10%, you get `4283488692`, and if you desaturate by 10%, it is `4286372288`.

# Distribution



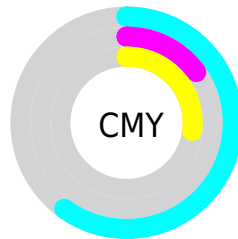
- Red (40%)
- Green (85%)
- Blue (73%)



- Red (40%)
- Yellow (66%)
- Blue (85%)



- Cyan (53%)
- Magenta (0%)
- Yellow (14%)
- Black (15%)



- Cyan (60%)
- Magenta (15%)
- Yellow (27%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4284930490 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 4284930490 by changing the saturation by 10% instead.



 4284930490

 4284930490

4294967295

 4282891679

 4288806898

 4280525189

 4290707455

 4278224748

 4292607999

 4278218067

 4294574079

 4278211644

 4278205479

 4278200082

 4278190080

 4284930490

 4284930490

 4283488692

 4286372288

 4282112430

 4287748550

 4280670632

 4289190348

 4279228835

 4290632145

 4278245791

 4292073943

 4293450205

 4294892003

 4294957545

 4294957551

# Harmonies

## Analogous

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



4288074902



4284930490



4281850337

# Triad

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



4284930490



4290559999



4294947723

# Complementary

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



4284930490



4292437637

# 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.



4294945450



4284930490



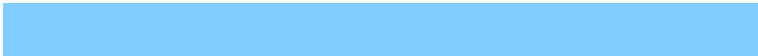
4293702388

# Square

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



4284930490



4286565631



4294945233



4293378170

# Rectangle

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



4284930490



4281653239



4294945233



4294946708

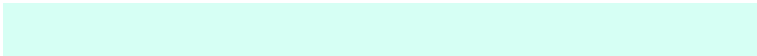


# Sweetspot

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



4284930490



4292280308



4287093094



4284973177



4278190080



4286611584



# Same Dimension

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



4284930490



4284284883



4284924121



4284706411



4278234495



4278201890



# Inverse Universe

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



4292437637



4294925448



4292444006



4285424486



4289527855

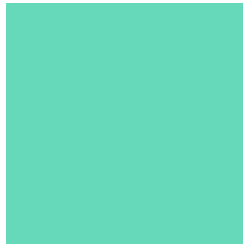


4281204748



# Previews

## White Background



This preview shows how the Android color 4284930490 looks on a white background.

## Color Contrast Check

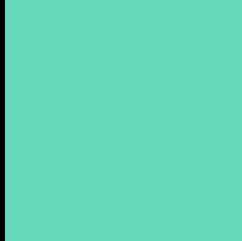
Large Text (above 18pt) WCAG AA × Fail

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 4284930490 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 4284930490 Background



This preview shows how black text looks on a background with the Android color 4284930490.

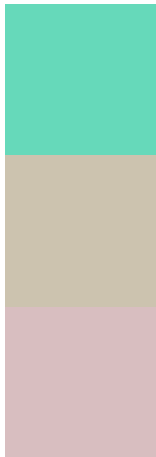


This preview shows how white text looks on a background with the Android color 4284930490.

# 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**  
4284930490

**Protanopia**  
4291609519

**Deuteranopia**  
4292394688



# Trichromacy



**Original Color**

4284930490



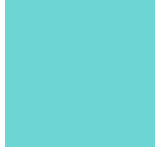
**Protanomaly**

4289186739



**Deuteranomaly**

4289710270



**Tritanomaly**

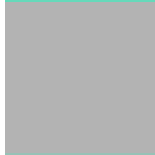
4285453781

# Monochromacy



**Original Color**

4284930490



**Achromatopsia**

4289967027



**Achromatomaly**

4288135606

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4284930490 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, 217, 186)` looks like.

```
.text, #text, p{  
    color:rgb(102, 217, 186)  
}
```

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, 217, 186) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(102, 217, 186) }
```

## Border

The CSS property to change the border of an element to Android 4284930490 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, 217, 186) }
```

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

```
.border{ border-color:rgb(102, 217, 186) }
```

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

Here you see how a box with a 4 pixel `rgb(102, 217, 186)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(102, 217, 186); -webkit-box-  
shadow:4px 4px 4px 4px rgb(102, 217, 186);  
box-shadow:4px 4px 4px 4px rgb(102, 217,  
186) }
```

# Background

The CSS property to change the background color of an element to Android 4284930490 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(102, 217, 186) }
```

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

```
.background{ background-color: rgb(102,  
217, 186) }
```

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