

# Converting Colors

Android(4284597706)

Have a look what the booklet for  
Android(4284597706) contains.

<b>Android(4284597706)</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(4284597706)**

# Conversions

## Conversions Part 1

Format	Color
Hex	61C5CA
RGB	97, 197, 202
RGB Percent	38%, 77%, 79%
CMY	0.6196, 0.2275, 0.2078
CMYK	0.52, 0.02, 0.00, 0.21
HSL	183°, 50%, 59%
HSV	183°, 52%, 79%
XYZ	35.5567, 46.7382, 63.0244
YIQ	167.6700, -61.2050, -19.6450

# Conversions

## Conversions Part 2

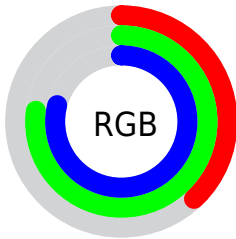
Format	Color
<a href="#">RYB</a>	<a href="#">97, 148, 202</a>
Decimal	<a href="#">6407626</a>
CIELab	<a href="#">74.02, -27.75, -11.47</a>
CIELCh	<a href="#">74, 30.029, 202.451</a>
Yxy	<a href="#">46.7382, 0.2447, 0.3216</a>
Android (android.graphics.Color)	<a href="#">4284597706 (0xFF61C5CA)</a>
YUV	<a href="#">167.6700, 16.9247, -61.9776</a>
Hunter-Lab	<a href="#">68.3653, -26.8017, -6.8024</a>

# Details

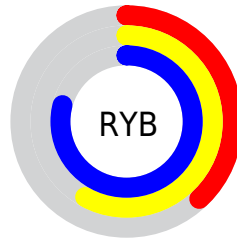
The Android color `4284597706` is a light color, and the websafe version is hex `66CCCC`. A complement of this color would be `4291454561`, and the grayscale version is `4289243304`.

A 20% lighter version of the original color is `4288413439`, and `4280127380` is the 20% darker color. If you saturate the color by 10%, you get `4283286730`, and if you desaturate by 10%, it is `4285908682`.

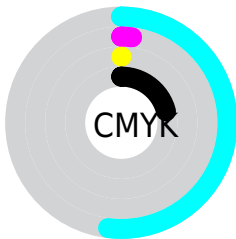
# Distribution



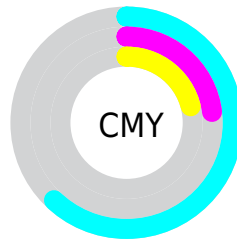
- Red (38%)
- Green (77%)
- Blue (79%)



- Red (38%)
- Yellow (58%)
- Blue (79%)



- Cyan (52%)
- Magenta (2%)
- Yellow (0%)
- Black (21%)



















- Cyan (62%)
- Magenta (23%)
- Yellow (21%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4284597706 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 4284597706 by changing the saturation by 10% instead.



 4284597706	 4284597706
 4294967295	 4282559151
 4288413439	 4280127380
 4290314239	 4278220154
 4292280319	 4278213729
 4294246399	 4278207562
	 4278201651
	 4278196254
	 4278190083
	 4278190080

■ 4284597706

■ 4284597706

■ 4283286730

■ 4285908682

■ 4281975754

■ 4287219658

■ 4280599242

■ 4288596170

■ 4279288266

■ 4289907146

■ 4278239434

■ 4291218122

■ 4292529098

■ 4293840074

■ 4294954442

■ 4294954698

# Harmonies

## Analogous

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



4285973934



4284597706



4285055713

# Triad

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



4284597706



4292061400



4291867264

# Complementary

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



4284597706



4291454561

# 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.



4293241227



4284597706



4293436094

# Square

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



4284597706



4289835497



4293829538



4290034563

# Rectangle

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



4284597706



4286365162



4293829538



4292390786



# Sweetspot

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



4284597706



4292279807



4284598884



4284972672



4278190080



4286611584



# Same Dimension

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



4284597706



4284610559



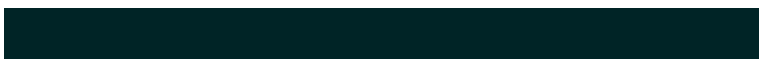
4284584650



4284245606



4278230694



4278199334



# Inverse Universe

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



4291453381



4294926839



4291467617



4284898406



4289069214

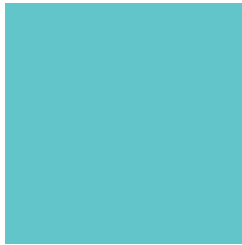


4280680484



# Previews

## White Background



This preview shows how the Android color 4284597706 looks on a white background.

## Color Contrast Check

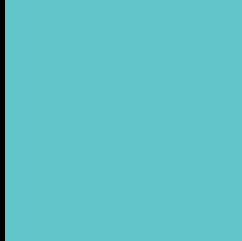
Large Text (above 18pt) WCAG AA × Fail

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 4284597706 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

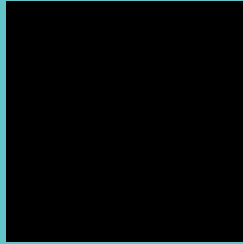
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



# Android 4284597706 Background



This preview shows how black text looks on a background with the Android color 4284597706.



This preview shows how white text looks on a background with the Android color 4284597706.

# 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



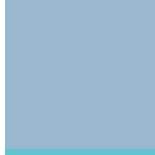
**Original Color**

4284597706



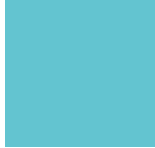
**Protanomaly**

4288068291



**Deuteranomaly**

4288329933



**Tritanomaly**

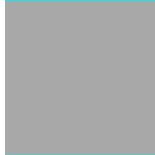
4284728528

# Monochromacy



**Original Color**

4284597706



**Achromatopsia**

4289243304



**Achromatomaly**

4287542196

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4284597706 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(97, 197, 202)` looks like.

```
.text, #text, p{  
    color:rgb(97, 197, 202)  
}
```

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(97, 197, 202) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(97, 197, 202) }
```

## Border

The CSS property to change the border of an element to Android 4284597706 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(97, 197, 202) }
```

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

```
.border{ border-color:rgb(97, 197, 202) }
```

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

Here you see how a box with a 4 pixel `rgb(97, 197, 202)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(97, 197, 202); -webkit-box-  
shadow:4px 4px 4px 4px rgb(97, 197, 202);  
box-shadow:4px 4px 4px 4px rgb(97, 197,  
202) }
```

# Background

The CSS property to change the background color of an element to Android 4284597706 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(97, 197, 202) }
```

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

```
.background{ background-color: rgb(97, 197,  
202) }
```

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