

# Converting Colors

Android(4287082692)

Have a look what the booklet for  
Android(4287082692) contains.

<b>Android(4287082692)</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(4287082692)**

# Conversions

## Conversions Part 1

Format	Color
Hex	87B0C4
RGB	135, 176, 196
RGB Percent	53%, 69%, 77%
CMY	0.4706, 0.3098, 0.2314
CMYK	0.31, 0.10, 0.00, 0.23
HSL	200°, 34%, 65%
HSV	200°, 31%, 77%
XYZ	35.4808, 40.1871, 58.1114
YIQ	166.0210, -30.8560, -2.4720

# Conversions

## Conversions Part 2

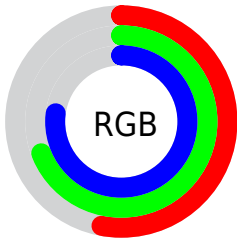
<b>Format</b>	<b>Color</b>
<b>RYB</b>	135, 160, 196
Decimal	8892612
CIELab	69.60, -8.96, -14.64
CIELCh	70, 17.164, 238.529
Yxy	40.1871, 0.2652, 0.3004
Android (android.graphics.Color)	4287082692 (0xFF87B0C4)
YUV	166.0210, 14.7796, -27.2054
Hunter-Lab	63.3933, -11.0330, -9.9747

# Details

The Android color `4287082692` is a light color, and the websafe version is hex `99CCCC`. A complement of this color would be `4291074951`, and the grayscale version is `4289111718`.

A 20% lighter version of the original color is `4290701565`, and `4283661454` is the 20% darker color. If you saturate the color by 10%, you get `4285770436`, and if you desaturate by 10%, it is `4288394948`.

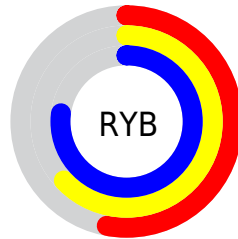
# Distribution



Red (53%)

Green (69%)

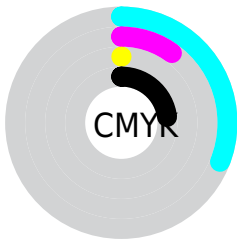
Blue (77%)



Red (53%)

Yellow (63%)

Blue (77%)

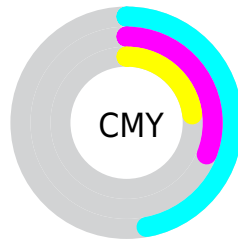


Cyan (31%)

Magenta (10%)

Yellow (0%)

Black (23%)



Cyan (47%)

Magenta (31%)

Yellow (23%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4287082692 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 4287082692 by changing the saturation by 10% instead.



 4287082692

 4287082692

4294967295

 4285371817

 4290701565

 4283661454

 4292542463

 4282016629

 4294443007

 4280306524

 4278203460

















 4278198062

 4278190362

 4278190080

 4287082692

 4287082692

 4285770436	 4288394948
 4284523460	 4289641924
 4283211204	 4290954180
 4281964228	 4292201156
 4280651972	 4293513412
 4279339460	 4294825924
 4278224068	 4294958532
	 4294960068
	 4294961860

# Harmonies

## Analogous

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



4286690232



4287082692



4288195785

# Triad

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



4287082692



4291338155



4289113743

# Complementary

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



4287082692



4291074951

# 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.



4290226571



4287082692



4291535004

# Square

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



4287082692



4290683578



4291077264



4287934873

# Rectangle

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



4287082692



4289046727



4291077264



4289506444



# Sweetspot

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



4287082692



4293457919



4287087770



4285627264



4278190080



4286611584

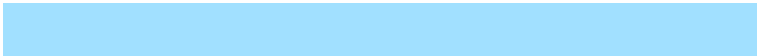


# Same Dimension

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



4287082692



4288798975



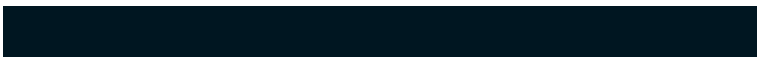
4287075012



4283915873



4278217889



4278195745



# Inverse Universe

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



4291069872



4294943200



4291082631



4284569438



4288741484



4280352790



# Previews

## White Background



This preview shows how the Android color 4287082692 looks on a white background.

## Color Contrast Check

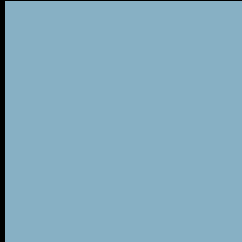
Large Text (above 18pt) WCAG AA × Fail

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 4287082692 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 4287082692 Background



This preview shows how black text looks on a background with the Android color 4287082692.



This preview shows how white text looks on a background with the Android color 4287082692.

# 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



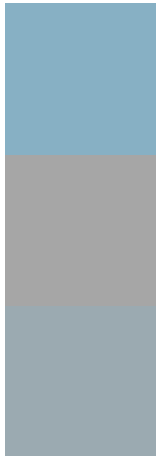
**Original Color**  
4287082692

**Protanomaly**  
4288392129

**Deuteranomaly**  
4288653765

**Tritanomaly**  
4287017409

# Monochromacy



**Original Color**  
4287082692

**Achromatopsia**  
4289111718

**Achromatomaly**  
4288391857

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4287082692 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(135, 176, 196)` looks like.

```
.text, #text, p{  
    color:rgb(135, 176, 196)  
}
```

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(135, 176, 196) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(135, 176, 196) }
```

## Border

The CSS property to change the border of an element to Android 4287082692 is called "border". The border property can be set on classes, ids or directly on the HTML element.

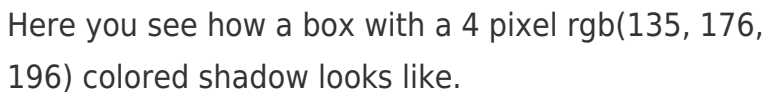
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(135, 176, 196) }
```

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

```
.border{ border-color:rgb(135, 176, 196) }
```

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



Here you see how a box with a 4 pixel `rgb(135, 176, 196)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(135, 176, 196); -webkit-box-shadow:4px 4px 4px 4px rgb(135, 176, 196); box-shadow:4px 4px 4px 4px rgb(135, 176, 196) }
```

# Background

The CSS property to change the background color of an element to Android 4287082692 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(135, 176, 196) }
```

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

```
.background{ background-color: rgb(135,  
176, 196) }
```

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