

# Converting Colors

Android(4287680712)

Have a look what the booklet for  
Android(4287680712) contains.

<b>Android(4287680712)</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(4287680712)**

# Conversions

## Conversions Part 1

Format	Color
Hex	90D0C8
RGB	144, 208, 200
RGB Percent	56%, 82%, 78%
CMY	0.4353, 0.1843, 0.2157
CMYK	0.31, 0.00, 0.04, 0.18
HSL	172°, 41%, 69%
HSV	172°, 31%, 82%
XYZ	44.4828, 55.2112, 62.9559
YIQ	187.9520, -35.5760, -16.0560

# Conversions

## Conversions Part 2

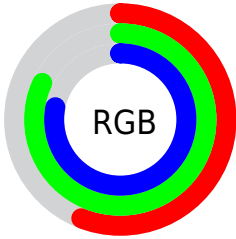
<b>Format</b>	<b>Color</b>
<b>RYB</b>	144, 178, 208
Decimal	9490632
CIELab	79.16, -21.99, -2.54
CIELCh	79, 22.132, 186.602
Yxy	55.2112, 0.2735, 0.3394
Android (android.graphics.Color)	4287680712 (0xFF90D0C8)
YUV	187.9520, 5.9397, -38.5459
Hunter-Lab	74.3042, -23.1720, 1.7782

# Details

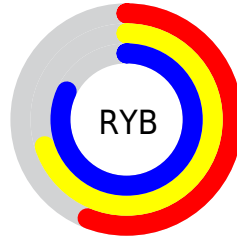
The Android color `4287680712` is a light color, and the websafe version is hex `99CCCC`. A complement of this color would be `4291858584`, and the grayscale version is `4290559164`.

A 20% lighter version of the original color is `4291362815`, and `4284193170` is the 20% darker color. If you saturate the color by 10%, you get `4286304453`, and if you desaturate by 10%, it is `4289056971`.

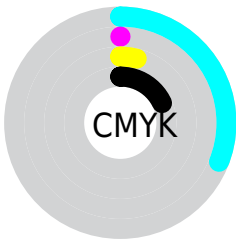
# Distribution



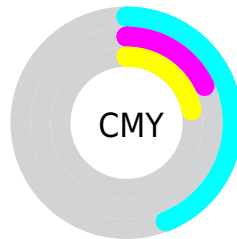
- Red (56%)
- Green (82%)
- Blue (78%)



- Red (56%)
- Yellow (70%)
- Blue (82%)



- Cyan (31%)
- Magenta (0%)
- Yellow (4%)
- Black (18%)
















- Cyan (44%)
- Magenta (18%)
- Yellow (22%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4287680712 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 4287680712 by changing the saturation by 10% instead.



 4287680712	 4287680712
4294967295	 4285904045
 4291362815	 4284193170
 4293197823	 4282482552
	 4280706656
	 4278406728
	 4278204210
	 4278198557
	 4278190083
	 4278190080

 4287680712

 4287680712

 4286304453

 4289056971

 4284928195

 4290433229

 4283617472

 4291743952

 4282241214

 4293120210

 4280864955

 4294496469

 4279488696

 4294955224

 4278243510

 4294955226

 4294955229

 4294955231

# Harmonies

## Analogous

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



4288794291



4287680712



4287418332

# Triad

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



4287680712



4291673573



4293049759

# Complementary

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



4287680712



4291858584

# 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.



4293769388



4287680712



4293114069

# Square

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



4287680712



4289905901



4293834176



4291806363

# Rectangle

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



4287680712



4287876326



4293834176



4293376930



# Sweetspot

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



4287680712



4293459964



4288270480



4285628542



4278190080



4286611584



# Same Dimension

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



4287680712



4288806899



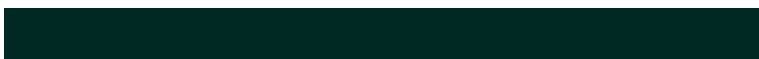
4287674832



4284377447



4278233235



4278200612



# Inverse Universe

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



4291858584



4294943148



4291864464



4285095519



4289200149



4280877061



# Previews

## White Background



This preview shows how the Android color 4287680712 looks on a white background.

## Color Contrast Check

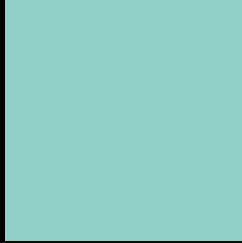
Large Text (above 18pt) WCAG AA × Fail

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 4287680712 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 4287680712 Background



This preview shows how black text looks on a background with the Android color 4287680712.



This preview shows how white text looks on a background with the Android color 4287680712.

# 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





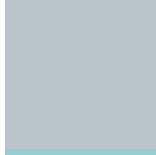
# Trichromacy



**Original Color**  
4287680712



**Protanomaly**  
4289972163



**Deuteranomaly**  
4290430155

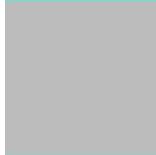


**Tritanomaly**  
4287876821

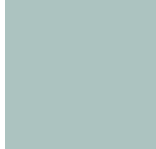
# Monochromacy



**Original Color**  
4287680712



**Achromatopsia**  
4290559164



**Achromatomaly**  
4289512384

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4287680712 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(144, 208, 200)` looks like.

```
.text, #text, p{  
    color:rgb(144, 208, 200)  
}
```

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(144, 208, 200) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(144, 208, 200) }
```

## Border

The CSS property to change the border of an element to Android 4287680712 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(144, 208, 200) }
```

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

```
.border{ border-color:rgb(144, 208, 200) }
```

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

Here you see how a box with a 4 pixel `rgb(144, 208, 200)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(144, 208, 200); -webkit-box-  
shadow:4px 4px 4px 4px rgb(144, 208, 200);  
box-shadow:4px 4px 4px 4px rgb(144, 208,  
200) }
```

# Background

The CSS property to change the background color of an element to Android 4287680712 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(144, 208, 200) }
```

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

```
.background{ background-color: rgb(144,  
208, 200) }
```

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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