

# Converting Colors

Android(4287947712)

Have a look what the booklet for  
Android(4287947712) contains.

<b>Android(4287947712)</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(4287947712)**

# Conversions

## Conversions Part 1

Format	Color
Hex	94E3C0
RGB	148, 227, 192
RGB Percent	58%, 89%, 75%
CMY	0.4196, 0.1098, 0.2471
CMYK	0.35, 0.00, 0.15, 0.11
HSL	153°, 59%, 74%
HSV	153°, 35%, 89%
XYZ	49.1963, 65.0398, 59.8302
YIQ	199.3890, -35.8490, -27.6330

# Conversions

## Conversions Part 2

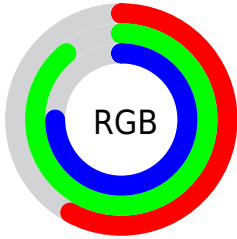
Format	Color
<a href="#">RYB</a>	<a href="#">148, 199, 227</a>
Decimal	<a href="#">9757632</a>
CIELab	<a href="#">84.50, -31.76, 9.47</a>
CIELCh	<a href="#">85, 33.137, 163.395</a>
Yxy	<a href="#">65.0398, 0.2826, 0.3736</a>
Android (android.graphics.Color)	<a href="#">4287947712</a> ( <a href="#">0xFF94E3C0</a> )
YUV	<a href="#">199.3890, -3.6428, -45.0682</a>
Hunter-Lab	<a href="#">80.6473, -32.2446, 12.4673</a>

# Details

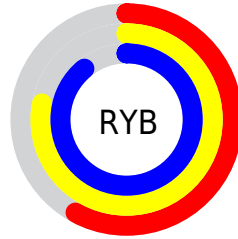
The Android color `4287947712` is a light color, and the websafe version is hex `99FFCC`. A complement of this color would be `4293104823`, and the grayscale version is `4291282887`.

A 20% lighter version of the original color is `4291624952`, and `4284394379` is the 20% darker color. If you saturate the color by 10%, you get `4286440374`, and if you desaturate by 10%, it is `4289455050`.

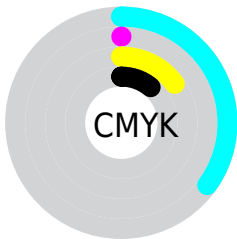
# Distribution



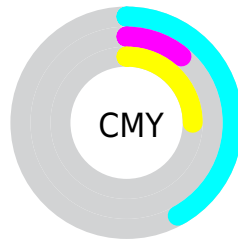
- Red (58%)
- Green (89%)
- Blue (75%)



- Red (58%)
- Yellow (78%)
- Blue (89%)



- Cyan (35%)
- Magenta (0%)
- Yellow (15%)
- Black (11%)



- Cyan (42%)
- Magenta (11%)
- Yellow (25%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4287947712 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 4287947712 by changing the saturation by 10% instead.





4287947712



4287947712

4294967295



4286171045



4291624952



4284394379



4293525503



4282617969



4280776281



4278213953



4278207787



4278201878



4278196224



4278190080

 4287947712

 4287947712

 4286440374

 4289455050

 4284998572

 4290896852

 4283491234

 4292404190

 4281983896

 4293911528

 4280542094

 4294960114

 4279034756

 4294960124

 4278248318

 4294960127

# Harmonies

## Analogous

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



4290305701



4287947712



4286112992

# Triad

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



4287947712



4290761215



4294951337

# Complementary

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



4287947712



4293104823

# 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.



4294950086



4287947712



4293510911

# Square

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



4287947712



4287880191



4294950630



4294560664

# Rectangle

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



4287947712



4285719540



4294950630



4294950834

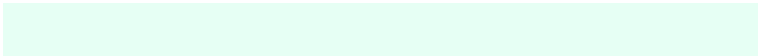


# Sweetspot

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



4287947712



4293328884



4290306964



4285563001



4278190080



4286611584

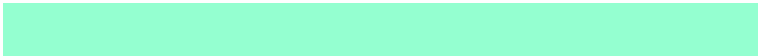


# Same Dimension

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



4287947712



4287954896



4287946723



4284969838



4278236003



4278203164



# Inverse Universe

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



4293104823



4294939843



4293105812



4285753196



4289921103



4281532439



# Previews

## White Background



This preview shows how the Android color 4287947712 looks on a white background.

## Color Contrast Check

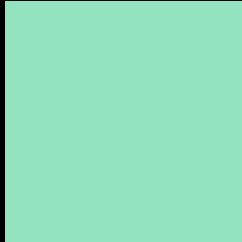
Large Text (above 18pt) WCAG AA × Fail

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 4287947712 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 4287947712 Background



This preview shows how black text looks on a background with the Android color 4287947712.



This preview shows how white text looks on a background with the Android color 4287947712.

# 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



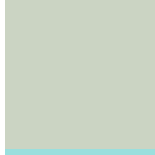
**Original Color**

4287947712



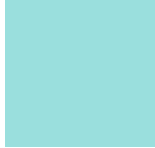
**Protanomaly**

4290959546



**Deuteranomaly**

4291548355



**Tritanomaly**

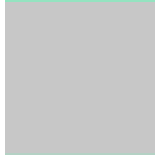
4288339933

# Monochromacy



**Original Color**

4287947712



**Achromatopsia**

4291282887



**Achromatomaly**

4290040260

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4287947712 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(148, 227, 192)` looks like.

```
.text, #text, p{  
    color:rgb(148, 227, 192)  
}
```

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(148, 227, 192) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(148, 227, 192) }
```

## Border

The CSS property to change the border of an element to Android 4287947712 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(148, 227, 192) }
```

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

```
.border{ border-color:rgb(148, 227, 192) }
```

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

Here you see how a box with a 4 pixel `rgb(148, 227, 192)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(148, 227, 192); -webkit-box-shadow:4px 4px 4px 4px rgb(148, 227, 192); box-shadow:4px 4px 4px 4px rgb(148, 227, 192) }
```

# Background

The CSS property to change the background color of an element to Android 4287947712 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(148, 227, 192) }
```

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

```
.background{ background-color: rgb(148,  
227, 192) }
```

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