

# Converting Colors

Android(4287745724)

Have a look what the booklet for  
Android(4287745724) contains.

<b>Android(4287745724)</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(4287745724)**

# Conversions

## Conversions Part 1

Format	Color
Hex	91CEBC
RGB	145, 206, 188
RGB Percent	57%, 81%, 74%
CMY	0.4314, 0.1922, 0.2627
CMYK	0.30, 0.00, 0.09, 0.19
HSL	162°, 38%, 69%
HSV	162°, 30%, 81%
XYZ	42.8255, 53.7932, 55.7029
YIQ	185.7090, -30.5780, -18.5300

# Conversions

## Conversions Part 2

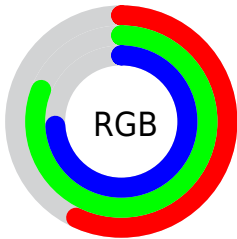
Format	Color
<a href="#">RYB</a>	<a href="#">145, 181, 206</a>
Decimal	<a href="#">9555644</a>
CIELab	<a href="#">78.34, -23.33, 2.70</a>
CIELCh	<a href="#">78, 23.481, 173.397</a>
Yxy	<a href="#">53.7932, 0.2812, 0.3532</a>
Android (android.graphics.Color)	<a href="#">4287745724</a> ( <a href="#">0xFF91CEBC</a> )
YUV	<a href="#">185.7090, 1.1295, -35.7018</a>
Hunter-Lab	<a href="#">73.3438, -24.1256, 6.3113</a>

# Details

The Android color `4287745724` is a light color, and the websafe version is hex `99CCCC`. A complement of this color would be `4291727779`, and the grayscale version is `4290427578`.

A 20% lighter version of the original color is `4291362804`, and `4284258183` is the 20% darker color. If you saturate the color by 10%, you get `4286369462`, and if you desaturate by 10%, it is `4289121986`.

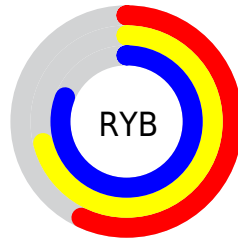
# Distribution



Red (57%)

Green (81%)

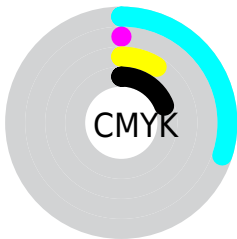
Blue (74%)



Red (57%)

Yellow (71%)

Blue (81%)

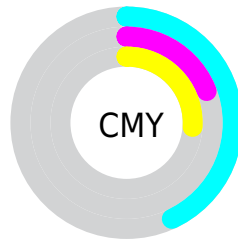


Cyan (30%)

Magenta (0%)

Yellow (9%)

Black (19%)



Cyan (43%)

Magenta (19%)

Yellow (26%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4287745724 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 4287745724 by changing the saturation by 10% instead.



 4287745724

 4287745724

4294967295

 4285969057

 4291362804

 4284258183

 4293263359

 4282613102

 4280902741

 4278930494

 4278203688

 4278198292

 4278190080

 4287745724

 4287745724

 4286369462

 4289121986

 4285058736

 4290432712

 4283682474

 4291808974

 4282371748

 4293119700

 4280995486

 4294495962

 4279619224

 4294954720

 4278308497

 4294954727

 4278242961

 4294954733

 4294954739

# Harmonies

## Analogous

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



4289186727



4287745724



4286959314

# Triad

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



4287745724



4290756330



4293441696

# Complementary

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



4287745724



4291727779

# 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.



4293899185



4287745724



4292458460

# Square

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



4287745724



4288857581



4293571528



4292329367

# Rectangle

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



4287745724



4287089887



4293571528



4293637797



# Sweetspot

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



4287745724



4293459960



4288925329



4285628539



4278190080



4286611584

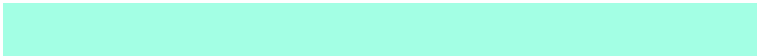


# Same Dimension

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



4287745724



4288937956



4287742670



4284245603



4278232693



4278199835



# Inverse Universe

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



4291727779



4294943678



4291730833



4284898399



4289069105



4280680459



# Previews

## White Background



This preview shows how the Android color 4287745724 looks on a white background.

## Color Contrast Check

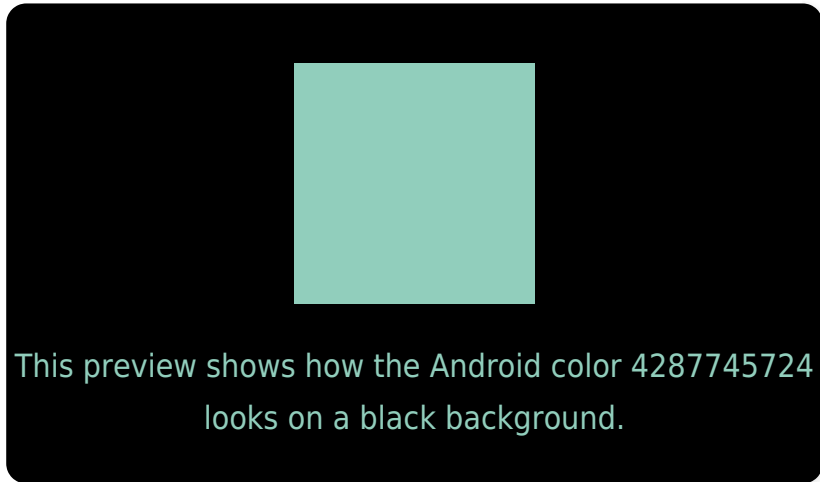
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

# Black Background



## 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 4287745724 Background



This preview shows how black text looks on a background with the Android color 4287745724.

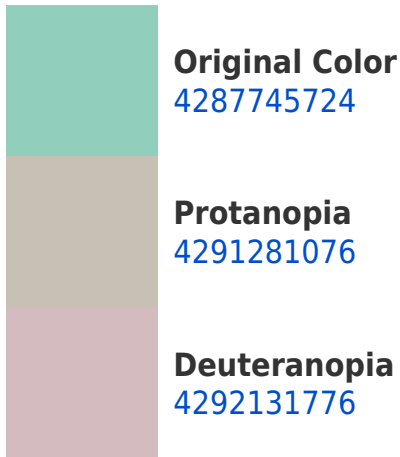


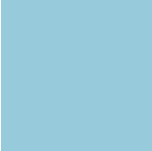
This preview shows how white text looks on a background with the Android color 4287745724.

# 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





**Tritanopia**  
4288137946

# Trichromacy



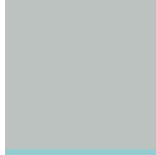
**Original Color**

4287745724



**Protanomaly**

4289971639



**Deuteranomaly**

4290560703



**Tritanomaly**

4288007119

# Monochromacy



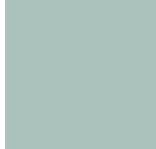
**Original Color**

4287745724



**Achromatopsia**

4290427578



**Achromatomaly**

4289446331

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4287745724 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(145, 206, 188)` looks like.

```
.text, #text, p{  
    color:rgb(145, 206, 188)  
}
```

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(145, 206, 188) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(145, 206, 188) }
```

## Border

The CSS property to change the border of an element to Android 4287745724 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(145, 206, 188) }
```

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

```
.border{ border-color:rgb(145, 206, 188) }
```

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

Here you see how a box with a 4 pixel `rgb(145, 206, 188)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(145, 206, 188); -webkit-box-shadow:4px 4px 4px 4px rgb(145, 206, 188); box-shadow:4px 4px 4px 4px rgb(145, 206, 188) }
```

# Background

The CSS property to change the background color of an element to Android 4287745724 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(145, 206, 188) }
```

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

```
.background{ background-color: rgb(145,  
206, 188) }
```

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