

# Converting Colors

Android(4286568664)

Have a look what the booklet for  
Android(4286568664) contains.

<b>Android(4286568664)</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(4286568664)**

# Conversions

## Conversions Part 1

Format	Color
Hex	7FD8D8
RGB	127, 216, 216
RGB Percent	50%, 85%, 85%
CMY	0.5020, 0.1529, 0.1529
CMYK	0.41, 0.00, 0.00, 0.15
HSL	180°, 53%, 67%
HSV	180°, 41%, 85%
XYZ	45.7029, 58.5816, 73.8643
YIQ	189.3890, -53.0440, -18.8680

# Conversions

## Conversions Part 2

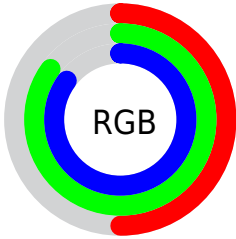
Format	Color
<a href="#">RYB</a>	<a href="#">127, 172, 216</a>
Decimal	<a href="#">8378584</a>
CIELab	<a href="#">81.06, -26.65, -8.39</a>
CIElCh	<a href="#">81, 27.939, 197.469</a>
Yxy	<a href="#">58.5816, 0.2565, 0.3288</a>
Android (android.graphics.Color)	<a href="#">4286568664</a> ( <a href="#">0xFF7FD8D8</a> )
YUV	<a href="#">189.3890, 13.1192, -54.7152</a>
Hunter-Lab	<a href="#">76.5386, -27.3563, -3.6413</a>

# Details

The Android color `4286568664` is a light color, and the websafe version is hex `66CCCC`. A complement of this color would be `4292378495`, and the grayscale version is `4290624957`.

A 20% lighter version of the original color is `4290314239`, and `4282818977` is the 20% darker color. If you saturate the color by 10%, you get `4285126872`, and if you desaturate by 10%, it is `4288010456`.

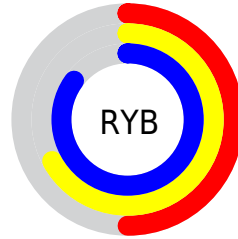
# Distribution



Red (50%)

Green (85%)

Blue (85%)



Red (50%)

Yellow (67%)

Blue (85%)

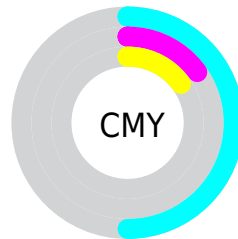


Cyan (41%)

Magenta (0%)

Yellow (0%)

Black (15%)



Cyan (50%)

Magenta (15%)

Yellow (15%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4286568664 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 4286568664 by changing the saturation by 10% instead.



 4286568664

 4286568664

4294967295

 4284726460

 4290314239

 4282818977

 4292214783

 4280649351

 4294180863

 4278218094

 4278211669

 4278205758

 4278199848

 4278192149

 4278190080

 4286568664

 4286568664

 4285126872

 4288010456

 4283750616

 4289386712

 4282308824

 4290828504

 4280932568

 4292204760

 4279490776

 4293646552

 4278245592

 4294957272

# Harmonies

## Analogous

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



4287813565



4286568664



4286698991

# Triad

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



4286568664



4292919021



4293379223

# Complementary

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



4286568664



4292378495

# 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.



4294556836



4286568664



4294424533

# Square

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



4286568664



4290758395



4294948795



4291677335

# Rectangle

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



4286568664



4287681017



4294948795



4293837210



# Sweetspot

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



4286568664



4292935679



4286568575



4285431936



4278190080



4286611584



# Same Dimension

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



4286568664



4286775295



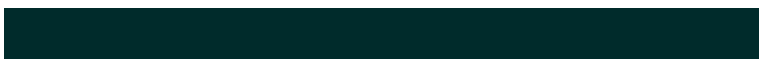
4286557400



4284509035



4278234027



4278201131



# Inverse Universe

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



4292378584



4294935295



4292390015



4285227115



4289396907

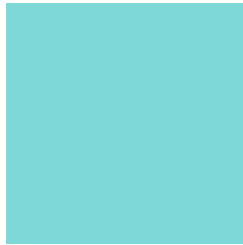


4281008171



# Previews

## White Background



This preview shows how the Android color 4286568664 looks on a white background.

## Color Contrast Check

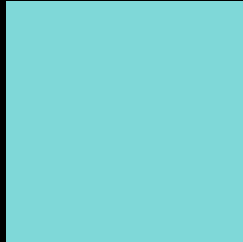
Large Text (above 18pt) WCAG AA × Fail

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 4286568664 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

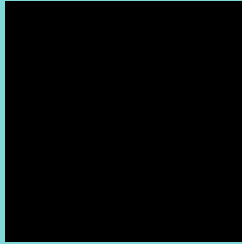
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



# Android 4286568664 Background



This preview shows how black text looks on a background with the Android color 4286568664.



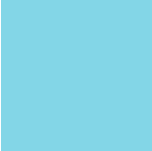
This preview shows how white text looks on a background with the Android color 4286568664.

# 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**  
4286830311

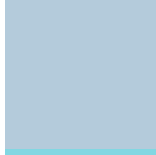
# Trichromacy



**Original Color**  
4286568664



**Protanomaly**  
4289711570



**Deuteranomaly**  
4290038747

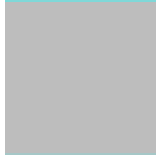


**Tritanomaly**  
4286765026

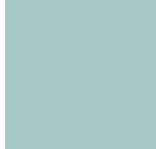
# Monochromacy



**Original Color**  
4286568664



**Achromatopsia**  
4290624957



**Achromatomaly**  
4289120199

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4286568664 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(127, 216, 216)` looks like.

```
.text, #text, p{  
    color:rgb(127, 216, 216)  
}
```

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(127, 216, 216) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(127, 216, 216) }
```

## Border

The CSS property to change the border of an element to Android 4286568664 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(127, 216, 216) }
```

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

```
.border{ border-color:rgb(127, 216, 216) }
```

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

Here you see how a box with a 4 pixel `rgb(127, 216, 216)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(127, 216, 216); -webkit-box-  
shadow:4px 4px 4px 4px rgb(127, 216, 216);  
box-shadow:4px 4px 4px 4px rgb(127, 216,  
216) }
```

# Background

The CSS property to change the background color of an element to Android 4286568664 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(127, 216, 216) }
```

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

```
.background{ background-color: rgb(127,  
216, 216) }
```

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