

# Converting Colors

Android(4286176738)

Have a look what the booklet for  
Android(4286176738) contains.

<b>Android(4286176738)</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(4286176738)**

# Conversions

## Conversions Part 1

Format	Color
Hex	79DDE2
RGB	121, 221, 226
RGB Percent	47%, 87%, 89%
CMY	0.5255, 0.1333, 0.1137
CMYK	0.46, 0.02, 0.00, 0.11
HSL	183°, 64%, 68%
HSV	183°, 46%, 89%
XYZ	47.4691, 61.2688, 81.2757
YIQ	191.6700, -61.2050, -19.6450

# Conversions

## Conversions Part 2

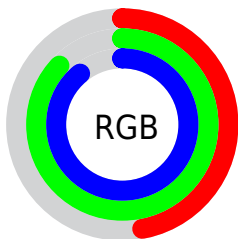
<b>Format</b>	<b>Color</b>
<b>RYB</b>	121, 172, 226
Decimal	7986658
CIELab	82.52, -27.97, -11.56
CIELCh	83, 30.263, 202.451
Yxy	61.2688, 0.2498, 0.3224
Android (android.graphics.Color)	4286176738 (0xFF79DDE2)
YUV	191.6700, 16.9247, -61.9776
Hunter-Lab	78.2744, -28.7299, -6.7713

# Details

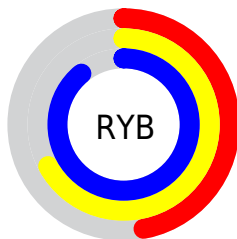
The Android color `4286176738` is a light color, and the websafe version is hex `66CCCC`. A complement of this color would be `4293033593`, and the grayscale version is `4290822336`.

A 20% lighter version of the original color is `4289986559`, and `4282164907` is the 20% darker color. If you saturate the color by 10%, you get `4284669154`, and if you desaturate by 10%, it is `4287684322`.

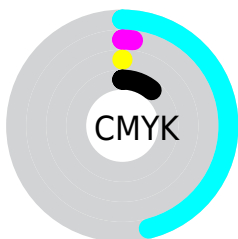
# Distribution



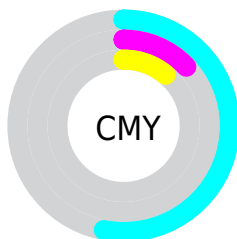
- Red (47%)
- Green (87%)
- Blue (89%)



- Red (47%)
- Yellow (67%)
- Blue (89%)



- Cyan (46%)
- Magenta (2%)
- Yellow (0%)
- Black (11%)



- Cyan (53%)
- Magenta (13%)
- Yellow (11%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4286176738 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 4286176738 by changing the saturation by 10% instead.



 4286176738


 4286176738

4294967295

 4284268998

 4289986559

 4282164907

 4291952639

 4279405456

 4293853183

 4278219127

 4278212702

 4278206534

 4278200880

 4278194459

 4278190080

 4286176738


 4286176738

 4284669154

 4287684322

 4283227106

 4289126370

 4281719522

 4290633954

 4280277474

 4292076002

 4278769890

 4293583586

 4278245346

 4294960098

 4294960610

 4294960866

 4294961122

# Harmonies

## Analogous

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



4287421893



4286176738



4286634489

# Triad

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



4286176738



4293640176



4293511573

# Complementary

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



4286176738



4293033593

# 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.



4294885537



4286176738



4294949334

# Square

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



4286176738



4291348991



4294949561



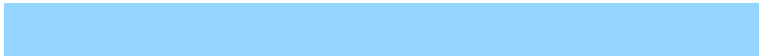
4291613336

# Rectangle

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



4286176738



4287878655



4294949561



4294035096



# Sweetspot

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



4286176738



4292607487



4286177917



4285169280



4278190080



4286611584



# Same Dimension

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



4286176738



4285593855



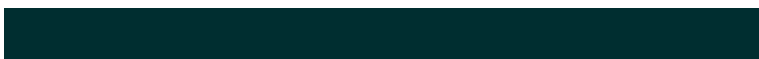
4286163682



4284838000



4278233264



4278201904



# Inverse Universe

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



4293032413



4294930680



4293046649



4285556080



4289724584

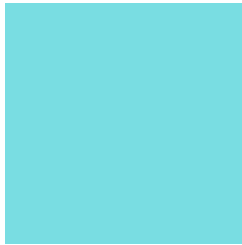


4281335854



# Previews

## White Background



This preview shows how the Android color 4286176738 looks on a white background.

## Color Contrast Check

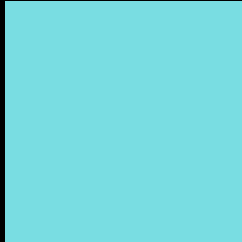
Large Text (above 18pt) WCAG AA × Fail

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 4286176738 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 4286176738 Background



This preview shows how black text looks on a background with the Android color 4286176738.



This preview shows how white text looks on a background with the Android color 4286176738.

# 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

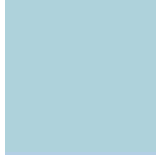




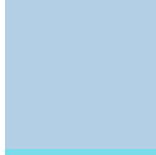
# Trichromacy



**Original Color**  
4286176738



**Protanomaly**  
4289647323



**Deuteranomaly**  
4289974245

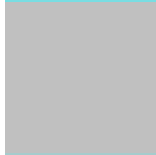


**Tritanomaly**  
4286307561

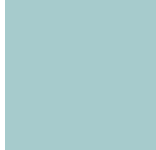
# Monochromacy



**Original Color**  
4286176738



**Achromatopsia**  
4290822336



**Achromatomaly**  
4289121228

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4286176738 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(121, 221, 226)` looks like.

```
.text, #text, p{  
    color:rgb(121, 221, 226)  
}
```

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(121, 221, 226) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(121, 221, 226) }
```

## Border

The CSS property to change the border of an element to Android 4286176738 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(121, 221, 226) }
```

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

```
.border{ border-color:rgb(121, 221, 226) }
```

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

Here you see how a box with a 4 pixel `rgb(121, 221, 226)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(121, 221, 226); -webkit-box-  
shadow:4px 4px 4px 4px rgb(121, 221, 226);  
box-shadow:4px 4px 4px 4px rgb(121, 221,  
226) }
```

# Background

The CSS property to change the background color of an element to Android 4286176738 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(121, 221, 226) }
```

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

```
.background{ background-color: rgb(121,  
221, 226) }
```

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