

# Converting Colors

Android(4286051797)

Have a look what the booklet for  
Android(4286051797) contains.

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# **Color**

**Android(4286051797)**

# Conversions

## Conversions Part 1

Format	Color
Hex	77F5D5
RGB	119, 245, 213
RGB Percent	47%, 96%, 84%
CMY	0.5333, 0.0392, 0.1647
CMYK	0.51, 0.00, 0.13, 0.04
HSL	165°, 86%, 71%
HSV	165°, 51%, 96%
XYZ	52.2704, 74.0309, 74.4852
YIQ	203.6780, -64.8240, -36.6640

# Conversions

## Conversions Part 2

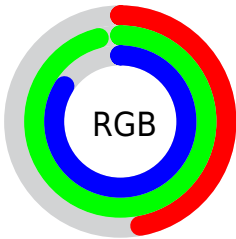
Format	Color
<a href="#">RYB</a>	<a href="#">119, 191, 245</a>
Decimal	<a href="#">7861717</a>
<a href="#">CIELab</a>	<a href="#">88.94, -42.67, 4.70</a>
<a href="#">CIELCh</a>	<a href="#">89, 42.927, 173.712</a>
<a href="#">Yxy</a>	<a href="#">74.0309, 0.2603, 0.3687</a>
<a href="#">Android (android.graphics.Color)</a>	<a href="#">4286051797 (0xFF77F5D5)</a>
<a href="#">YUV</a>	<a href="#">203.6780, 4.5957, -74.2626</a>
<a href="#">Hunter-Lab</a>	<a href="#">86.0412, -42.1325, 8.9019</a>

# Details

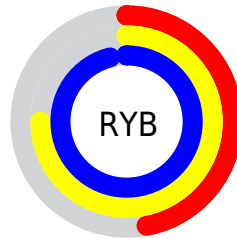
The Android color `4286051797` is a light color, and the websafe version is hex `99FFCC`. A complement of this color would be `4294277015`, and the grayscale version is `4291611852`.

A 20% lighter version of the original color is `4289986559`, and `4281777310` is the 20% darker color. If you saturate the color by 10%, you get `4284413391`, and if you desaturate by 10%, it is `4287624667`.

# Distribution



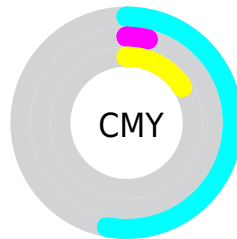
- Red (47%)
- Green (96%)
- Blue (84%)



- Red (47%)
- Yellow (75%)
- Blue (96%)



- Cyan (51%)
- Magenta (0%)
- Yellow (13%)
- Black (4%)



- Cyan (53%)
- Magenta (4%)
- Yellow (16%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4286051797 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 4286051797 by changing the saturation by 10% instead.



 4286051797


 4286051797

4294967295

 4284012729

 4289986559

 4281777310

 4291952639

 4278231428

 4293918719

 4278224491

 4278217811

 4278211388

 4278204966

 4278199826

 4278190080

■ 4286051797

■ 4286051797

■ 4284413391

■ 4287624667

■ 4282840521

■ 4289263073

■ 4281202114

■ 4290835944

■ 4279629244

■ 4292474350

■ 4278252983

■ 4294112756

■ 4294964730

■ 4294964735

# Harmonies

## Analogous

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



4289392814



4286051797



4283168255

# Triad

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



4286051797



4292401407



4294954143

# Complementary

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



4286051797



4294277015

# 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.



4294951616



4286051797



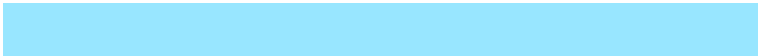
4294953727

# Square

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



4286051797



4288210687



4294951402



4294957710

# Rectangle

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



4286051797



4283167487



4294951402



4294953129

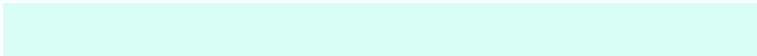


# Sweetspot

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



4286051797



4292476917



4288279927



4285104250



4278190080



4286611584



# Same Dimension

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



4286051797



4284612567



4286044405



4285430391



4278237835



4278205228



# Inverse Universe

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



4294277015



4294926729



4294284407



4286213745



4290379823

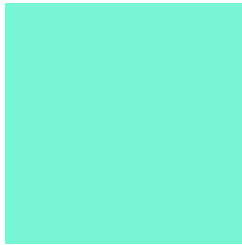


4282056719



# Previews

## White Background



This preview shows how the Android color 4286051797 looks on a white background.

## Color Contrast Check

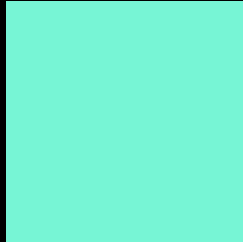
Large Text (above 18pt) WCAG AA × Fail

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 4286051797 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 4286051797 Background



This preview shows how black text looks on a background with the Android color 4286051797.



This preview shows how white text looks on a background with the Android color 4286051797.

# 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



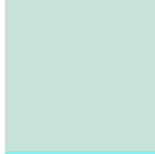
**Original Color**

4286051797



**Protanomaly**

4290701005



**Deuteranomaly**

4291289817



**Tritanomaly**

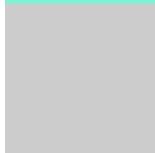
4287033584

# Monochromacy



**Original Color**

4286051797



**Achromatopsia**

4291611852



**Achromatomaly**

4289584079

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4286051797 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(119, 245, 213)` looks like.

```
.text, #text, p{  
    color:rgb(119, 245, 213)  
}
```

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(119, 245, 213) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(119, 245, 213) }
```

## Border

The CSS property to change the border of an element to Android 4286051797 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(119, 245, 213) }
```

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

```
.border{ border-color:rgb(119, 245, 213) }
```

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

Here you see how a box with a 4 pixel `rgb(119, 245, 213)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(119, 245, 213); -webkit-box-  
shadow:4px 4px 4px 4px rgb(119, 245, 213);  
box-shadow:4px 4px 4px 4px rgb(119, 245,  
213) }
```

# Background

The CSS property to change the background color of an element to Android 4286051797 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(119, 245, 213) }
```

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

```
.background{ background-color: rgb(119,  
245, 213) }
```

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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