

# Converting Colors

Android(4286102707)

Have a look what the booklet for  
Android(4286102707) contains.

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# **Color**

**Android(4286102707)**

# Conversions

## Conversions Part 1

Format	Color
Hex	78BCB3
RGB	120, 188, 179
RGB Percent	47%, 74%, 70%
CMY	0.5294, 0.2627, 0.2980
CMYK	0.36, 0.00, 0.05, 0.26
HSL	172°, 34%, 60%
HSV	172°, 36%, 74%
XYZ	33.8656, 43.2142, 49.2041
YIQ	166.6420, -37.6390, -17.2150

# Conversions

## Conversions Part 2

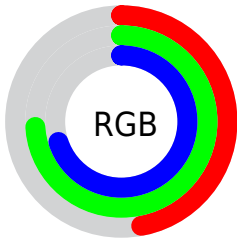
Format	Color
<a href="#">RYB</a>	<a href="#">120, 156, 188</a>
Decimal	<a href="#">7912627</a>
CIELab	<a href="#">71.70, -23.55, -2.27</a>
CIELCh	<a href="#">72, 23.659, 185.506</a>
Yxy	<a href="#">43.2142, 0.2682, 0.3422</a>
Android (android.graphics.Color)	<a href="#">4286102707</a> ( <a href="#">0xFF78BCB3</a> )
YUV	<a href="#">166.6420, 6.0925, -40.9050</a>
Hunter-Lab	<a href="#">65.7375, -23.0837, 1.6381</a>

# Details

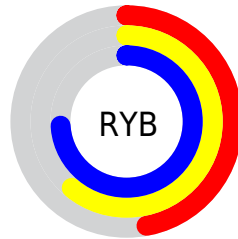
The Android color `4286102707` is a light color, and the websafe version is hex `66CCCC`. A complement of this color would be `4290541697`, and the grayscale version is `4289177511`.

A 20% lighter version of the original color is `4289721579`, and `4282615422` is the 20% darker color. If you saturate the color by 10%, you get `4284857521`, and if you desaturate by 10%, it is `4287347893`.

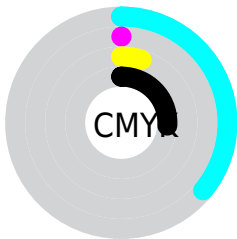
# Distribution



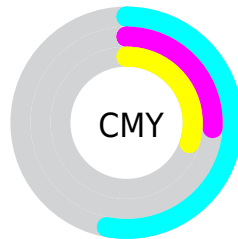
- Red (47%)
- Green (74%)
- Blue (70%)



- Red (47%)
- Yellow (61%)
- Blue (74%)



- Cyan (36%)
- Magenta (0%)
- Yellow (5%)
- Black (26%)



- Cyan (53%)
- Magenta (26%)
- Yellow (30%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4286102707 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 4286102707 by changing the saturation by 10% instead.





4286102707



4286102707

4294967295



4284326296



4289721579



4282615422



4291559423



4280773989



4293459967



4278408270



4278205751



4278200098



4278193163



4278190080



4286102707



4286102707

■ 4284857521

■ 4287347893

■ 4283612334

■ 4288593080

■ 4282432684

■ 4289772730

■ 4281187497

■ 4291017917

■ 4279942311

■ 4292263103

■ 4278697124

■ 4293508290

■ 4278238371

■ 4294753476

■ 4294950087

■ 4294950089

# Harmonies

## Analogous

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



4287347357



4286102707



4285709256

# Triad

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



4286102707



4290292179



4291799177

# Complementary

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



4286102707



4290541697

# 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.



4292518552



4286102707



4291797954

# Square

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



4286102707



4288393434



4292583596



4290556037

# Rectangle

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



4286102707



4286167251



4292583596



4292126349



# Sweetspot

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



4286102707



4292539889



4286692472



4285168248



4294638330



4286216826



# Same Dimension

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



4286102707



4287428071



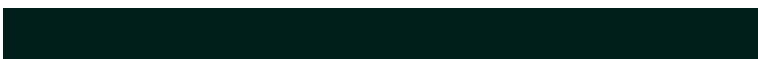
4286096316



4283784797



4278230665



4278198043



# Inverse Universe

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



4290541697



4294282393



4290548088



4284372310



4288544789



4280221700



# Previews

## White Background



This preview shows how the Android color 4286102707 looks on a white background.

## Color Contrast Check

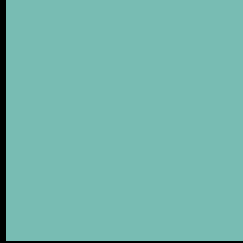
Large Text (above 18pt) WCAG AA × Fail

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 4286102707 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 4286102707 Background



This preview shows how black text looks on a background with the Android color 4286102707.



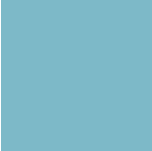
This preview shows how white text looks on a background with the Android color 4286102707.

# 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**  
4286429640

# Trichromacy



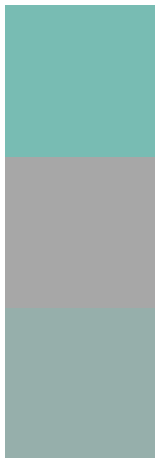
**Original Color**  
4286102707

**Protanomaly**  
4288590766

**Deuteranomaly**  
4288917942

**Tritanomaly**  
4286298816

# Monochromacy



**Original Color**  
4286102707

**Achromatopsia**  
4289177511

**Achromatomaly**  
4288065451

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4286102707 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(120, 188, 179)` looks like.

```
.text, #text, p{  
    color:rgb(120, 188, 179)  
}
```

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(120, 188, 179) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(120, 188, 179) }
```

## Border

The CSS property to change the border of an element to Android 4286102707 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(120, 188, 179) }
```

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

```
.border{ border-color:rgb(120, 188, 179) }
```

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

Here you see how a box with a 4 pixel `rgb(120, 188, 179)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(120, 188, 179); -webkit-box-  
shadow:4px 4px 4px 4px rgb(120, 188, 179);  
box-shadow:4px 4px 4px 4px rgb(120, 188,  
179) }
```

# Background

The CSS property to change the background color of an element to Android 4286102707 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(120, 188, 179) }
```

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

```
.background{ background-color: rgb(120,  
188, 179) }
```

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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