

# Converting Colors

Android(4286636010)

Have a look what the booklet for  
Android(4286636010) contains.

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# **Color**

**Android(4286636010)**

# Conversions

## Conversions Part 1

Format	Color
Hex	80DFEA
RGB	128, 223, 234
RGB Percent	50%, 87%, 92%
CMY	0.4980, 0.1255, 0.0824
CMYK	0.45, 0.05, 0.00, 0.08
HSL	186°, 72%, 71%
HSV	186°, 45%, 92%
XYZ	50.1410, 63.3051, 87.4183
YIQ	195.8490, -60.1510, -16.7190

# Conversions

## Conversions Part 2

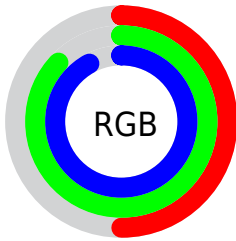
Format	Color
<a href="#">RYB</a>	<a href="#">128, 178, 234</a>
Decimal	<a href="#">8445930</a>
CIELab	<a href="#">83.60, -25.32, -14.16</a>
CIELCh	<a href="#">84, 29.004, 209.214</a>
Yxy	<a href="#">63.3051, 0.2496, 0.3152</a>
Android (android.graphics.Color)	<a href="#">4286636010 (0xFF80DFEA)</a>
YUV	<a href="#">195.8490, 18.8084, -59.5036</a>
Hunter-Lab	<a href="#">79.5645, -26.7482, -9.4474</a>

# Details

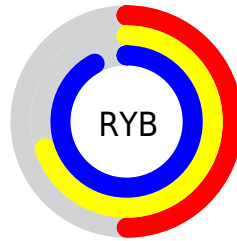
The Android color `4286636010` is a light color, and the websafe version is hex `66CCCC`. A complement of this color would be `4293561216`, and the grayscale version is `4291085508`.

A 20% lighter version of the original color is `4290445311`, and `4282689714` is the 20% darker color. If you saturate the color by 10%, you get `4285128170`, and if you desaturate by 10%, it is `4288143850`.

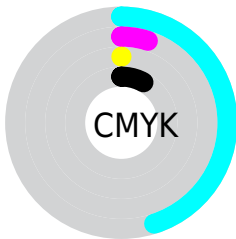
# Distribution



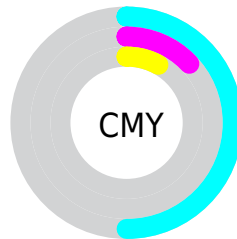
- Red (50%)
- Green (87%)
- Blue (92%)



- Red (50%)
- Yellow (70%)
- Blue (92%)



- Cyan (45%)
- Magenta (5%)
- Yellow (0%)
- Black (8%)



- Cyan (50%)
- Magenta (13%)
- Yellow (8%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4286636010 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 4286636010 by changing the saturation by 10% instead.



 4286636010

 4286636010

4294967295

 4284728270

 4290445311

 4282689714

 4292411391

 4280323480

 4294311935

 4278219646

 4278213221

 4278207053

 4278201398

 4278195745

 4278190088

 4286636010

 4286636010

 4285128170

 4288143850

 4283554538

 4289717482

 4282046698

 4291225322

 4280473066

 4292798954

 4278965226

 4294306794

 4278244074

 4294962922

 4294963434

 4294963946

 4294964714

# Harmonies

## Analogous

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



4287488207



4286636010



4287486974

# Triad

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



4286636010



4294164973



4293250714

# Complementary

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



4286636010



4293561216

# 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.



4294755746



4286636010



4294950354

# Square

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



4286636010



4292135679



4294950583



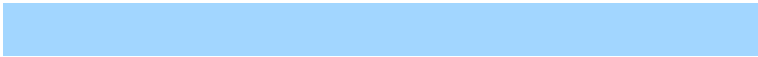
4291352480

# Rectangle

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



4286636010



4288861951



4294950583



4293839771

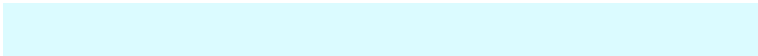


# Sweetspot

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



4286636010



4292606975



4286638731



4285169024



4278190080



4286611584



# Same Dimension

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



4286636010



4285919743



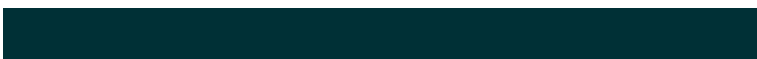
4286622442



4285166709



4278231733



4278202422



# Inverse Universe

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



4293558495



4294931953



4293574784



4285885044



4290052258

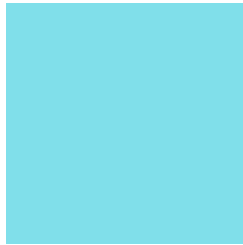


4281729072



# Previews

## White Background



This preview shows how the Android color 4286636010 looks on a white background.

## Color Contrast Check

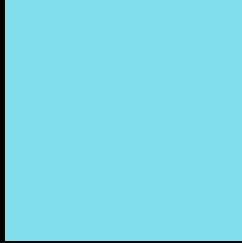
Large Text (above 18pt) WCAG AA × Fail

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 4286636010 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 4286636010 Background



This preview shows how black text looks on a background with the Android color 4286636010.



This preview shows how white text looks on a background with the Android color 4286636010.

# 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





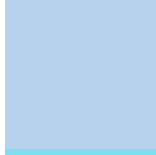
# Trichromacy



**Original Color**  
4286636010



**Protanomaly**  
4289909987



**Deuteranomaly**  
4290171629

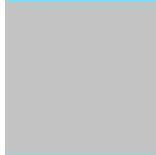


**Tritanomaly**  
4286701294

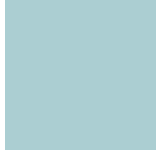
# Monochromacy



**Original Color**  
4286636010



**Achromatopsia**  
4291085508



**Achromatomaly**  
4289449682

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4286636010 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(128, 223, 234)` looks like.

```
.text, #text, p{  
    color:rgb(128, 223, 234)  
}
```

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(128, 223, 234) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(128, 223, 234) }
```

## Border

The CSS property to change the border of an element to Android 4286636010 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(128, 223, 234) }
```

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

```
.border{ border-color:rgb(128, 223, 234) }
```

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

Here you see how a box with a 4 pixel `rgb(128, 223, 234)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(128, 223, 234); -webkit-box-  
shadow:4px 4px 4px 4px rgb(128, 223, 234);  
box-shadow:4px 4px 4px 4px rgb(128, 223,  
234) }
```

# Background

The CSS property to change the background color of an element to Android 4286636010 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(128, 223, 234) }
```

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

```
.background{ background-color: rgb(128,  
223, 234) }
```

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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