

# Converting Colors

Android(4286637027)

Have a look what the booklet for  
Android(4286637027) contains.

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**Color**

**Android(4286637027)**

# Conversions

## Conversions Part 1

Format	Color
Hex	80E3E3
RGB	128, 227, 227
RGB Percent	50%, 89%, 89%
CMY	0.4980, 0.1098, 0.1098
CMYK	0.44, 0.00, 0.00, 0.11
HSL	180°, 64%, 70%
HSV	180°, 44%, 89%
XYZ	50.2363, 65.0734, 82.5857
YIQ	197.3990, -59.0040, -20.9880

# Conversions

## Conversions Part 2

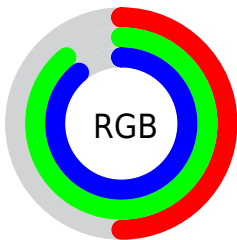
<b>Format</b>	<b>Color</b>
<b>RYB</b>	128, 178, 227
Decimal	8446947
CIELab	84.52, -29.02, -9.08
CIElCh	85, 30.408, 197.377
Yxy	65.0734, 0.2539, 0.3288
Android (android.graphics.Color)	4286637027 (0xFF80E3E3)
YUV	197.3990, 14.5933, -60.8629
Hunter-Lab	80.6681, -30.0078, -4.2318

# Details

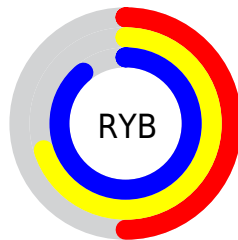
The Android color `4286637027` is a light color, and the websafe version is hex `66CCCC`. A complement of this color would be `4293099648`, and the grayscale version is `4291151301`.

A 20% lighter version of the original color is `4290445311`, and `4282756012` is the 20% darker color. If you saturate the color by 10%, you get `4285129699`, and if you desaturate by 10%, it is `4288144355`.

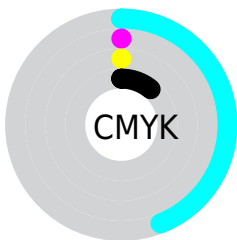
# Distribution



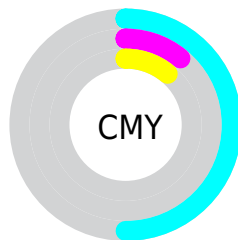
- Red (50%)
- Green (89%)
- Blue (89%)



- Red (50%)
- Yellow (70%)
- Blue (89%)



- Cyan (44%)
- Magenta (0%)
- Yellow (0%)
- Black (11%)



- Cyan (50%)
- Magenta (11%)
- Yellow (11%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4286637027 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 4286637027 by changing the saturation by 10% instead.



 4286637027

 4286637027

4294967295

 4284729287

 4290445311

 4282756012

 4292345855

 4280389777

 4294311935

 4278220664

 4278213983

 4278207815

 4278201905

 4278196508

 4278190080

 4286637027

 4286637027

 4285129699

 4288144355

 4283687907

 4289586147

 4282180579

 4291093475

 4280673251

 4292600803

 4279231459

 4294042595

 4278248419

 4294960099

# Harmonies

## Analogous

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



4288078533



4286637027



4286767356

# Triad

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



4286637027



4293707514



4294167963

# Complementary

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



4286637027



4293099648

# 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.



4294952106



4286637027



4294950880

# Square

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



4286637027



4291285247



4294950595



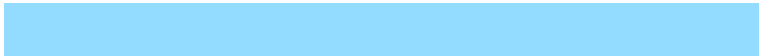
4292335260

# Rectangle

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



4286637027



4287880447



4294950595



4294691487



# Sweetspot

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



4286637027



4292804607



4286636928



4285235328



4278190080



4286611584



# Same Dimension

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



4286637027



4286251007



4286624483



4284969843



4278236083



4278203187



# Inverse Universe

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



4293099747



4294933247



4293112448



4285753203



4289921203

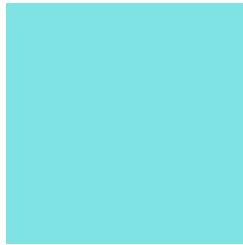


4281532467



# Previews

## White Background



This preview shows how the Android color 4286637027 looks on a white background.

## Color Contrast Check

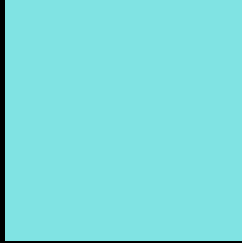
Large Text (above 18pt) WCAG AA × Fail

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 4286637027 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 4286637027 Background



This preview shows how black text looks on a background with the Android color 4286637027.




This preview shows how white text looks on a background with the Android color 4286637027.

# 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**  
4286964211

# Trichromacy



**Original Color**

4286637027



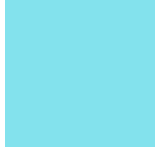
**Protanomaly**

4290107612



**Deuteranomaly**

4290499814



**Tritanomaly**

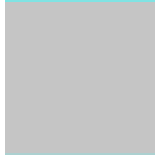
4286833389

# Monochromacy



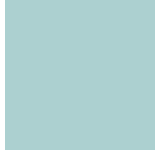
**Original Color**

4286637027



**Achromatopsia**

4291151301



**Achromatomaly**

4289515728

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4286637027 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, 227, 227)` looks like.

```
.text, #text, p{  
    color:rgb(128, 227, 227)  
}
```

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, 227, 227) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(128, 227, 227) }
```

## Border

The CSS property to change the border of an element to Android 4286637027 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, 227, 227) }
```

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

```
.border{ border-color:rgb(128, 227, 227) }
```

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

Here you see how a box with a 4 pixel `rgb(128, 227, 227)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(128, 227, 227); -webkit-box-  
shadow:4px 4px 4px 4px rgb(128, 227, 227);  
box-shadow:4px 4px 4px 4px rgb(128, 227,  
227) }
```

# Background

The CSS property to change the background color of an element to Android 4286637027 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(128, 227, 227) }
```

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

```
.background{ background-color: rgb(128,  
227, 227) }
```

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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