

# Converting Colors

Android(4286767595)

Have a look what the booklet for  
Android(4286767595) contains.

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# **Color**

**Android(4286767595)**

# Conversions

## Conversions Part 1

Format	Color
Hex	82E1EB
RGB	130, 225, 235
RGB Percent	51%, 88%, 92%
CMY	0.4902, 0.1176, 0.0784
CMYK	0.45, 0.04, 0.00, 0.08
HSL	186°, 72%, 72%
HSV	186°, 45%, 92%
XYZ	51.1265, 64.5944, 88.3706
YIQ	197.7350, -59.8300, -17.0300

# Conversions

## Conversions Part 2

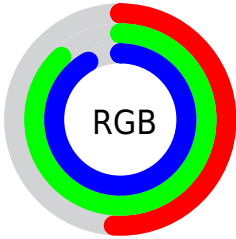
Format	Color
R <sub>Y</sub> B	130, 180, 235
Decimal	8577515
CIE Lab	84.27, -25.58, -13.67
CIE LCh	84, 29.004, 208.121
Yxy	64.5944, 0.2505, 0.3165
Android (android.graphics.Color)	4286767595 (0xFF82E1EB)
YUV	197.7350, 18.3716, -59.4036
Hunter-Lab	80.3706, -27.0987, -8.9322

# Details

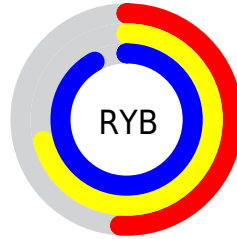
The Android color `4286767595` is a light color, and the websafe version is hex `66CCCC`. A complement of this color would be `4293627010`, and the grayscale version is `4291217094`.

A 20% lighter version of the original color is `4290576383`, and `4282886579` is the 20% darker color. If you saturate the color by 10%, you get `4285259755`, and if you desaturate by 10%, it is `4288340971`.

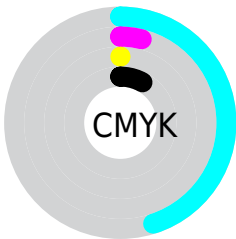
# Distribution



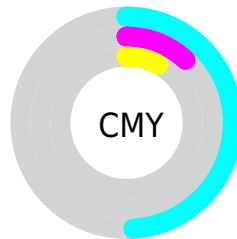
- Red (51%)
- Green (88%)
- Blue (92%)



- Red (51%)
- Yellow (71%)
- Blue (92%)



- Cyan (45%)
- Magenta (4%)
- Yellow (0%)
- Black (8%)



- Cyan (49%)
- Magenta (12%)
- Yellow (8%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4286767595 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 4286767595 by changing the saturation by 10% instead.





4286767595



4286767595

4294967295



4284859855



4290576383



4282886579



4292542463



4280586137



4294443007



4278220159



4278213734



4278207566



4278201655



4278196513



4278190089

 4286767595

 4286767595

 4285259755

 4288340971

 4283686379

 4289848811

 4282178283

 4291422443

 4280604907

 4292930283

 4279097067

 4294503659

 4278244843

 4294962923

 4294963691

 4294964203

 4294964715

# Harmonies

## Analogous

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



4287685327



4286767595



4287553023

# Triad

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



4286767595



4294231024



4293447836

# Complementary

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



4286767595



4293627010

# 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.



4294887333



4286767595



4294950869

# Square

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



4286767595



4292136191



4294951098



4291549346

# Rectangle

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



4286767595



4288862463



4294951098



4293971357

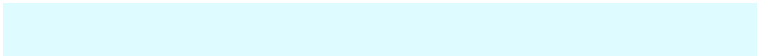


# Sweetspot

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



4286767595



4292803839



4286770059



4285234816



4278190080



4286611584



# Same Dimension

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



4286767595



4285919999



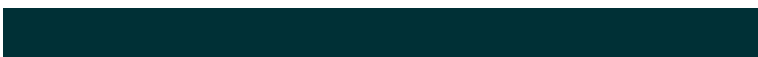
4286754539



4285166709



4278232245



4278202422



# Inverse Universe

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



4293624545



4294931954



4293640066



4285885044



4290052260

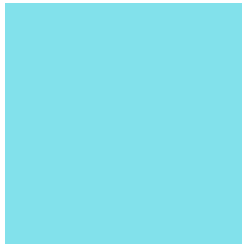


4281729072



# Previews

## White Background



This preview shows how the Android color 4286767595 looks on a white background.

## Color Contrast Check

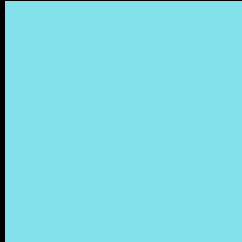
Large Text (above 18pt) WCAG AA × Fail

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 4286767595 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 4286767595 Background



This preview shows how black text looks on a background with the Android color 4286767595.

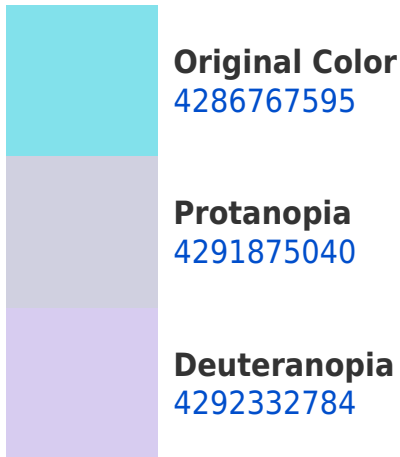



This preview shows how white text looks on a background with the Android color 4286767595.

# 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**  
4286898418

# Trichromacy



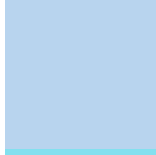
**Original Color**

4286767595



**Protanomaly**

4290041572



**Deuteranomaly**

4290303214



**Tritanomaly**

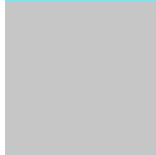
4286832879

# Monochromacy



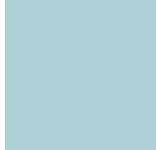
**Original Color**

4286767595



**Achromatopsia**

4291217094



**Achromatomaly**

4289581267

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4286767595 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(130, 225, 235)` looks like.

```
.text, #text, p{  
    color:rgb(130, 225, 235)  
}
```

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(130, 225, 235) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(130, 225, 235) }
```

## Border

The CSS property to change the border of an element to Android 4286767595 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(130, 225, 235) }
```

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

```
.border{ border-color:rgb(130, 225, 235) }
```

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

Here you see how a box with a 4 pixel `rgb(130, 225, 235)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(130, 225, 235); -webkit-box-shadow:4px 4px 4px 4px rgb(130, 225, 235); box-shadow:4px 4px 4px 4px rgb(130, 225, 235) }
```

# Background

The CSS property to change the background color of an element to Android 4286767595 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(130, 225, 235) }
```

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

```
.background{ background-color: rgb(130,  
225, 235) }
```

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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