

# Converting Colors

Android(4286770060)

Have a look what the booklet for  
Android(4286770060) contains.

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# **Color**

**Android(4286770060)**

# Conversions

## Conversions Part 1

Format	Color
Hex	82EB8C
RGB	130, 235, 140
RGB Percent	51%, 92%, 55%
CMY	0.4902, 0.0784, 0.4510
CMYK	0.45, 0.00, 0.40, 0.08
HSL	126°, 72%, 72%
HSV	126°, 45%, 92%
XYZ	43.6479, 66.0559, 35.2605
YIQ	192.7750, -32.0850, -51.8050

# Conversions

## Conversions Part 2

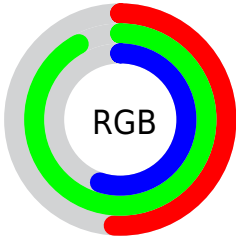
Format	Color
<a href="#">RYB</a>	<a href="#">130, 226, 235</a>
Decimal	<a href="#">8579980</a>
CIELab	<a href="#">85.02, -49.70, 36.84</a>
CIElCh	<a href="#">85, 61.862, 143.452</a>
Yxy	<a href="#">66.0559, 0.3011, 0.4557</a>
Android (android.graphics.Color)	<a href="#">4286770060 (0xFF82EB8C)</a>
YUV	<a href="#">192.7750, -26.0181, -55.0537</a>
Hunter-Lab	<a href="#">81.2748, -46.3691, 31.1698</a>

# Details

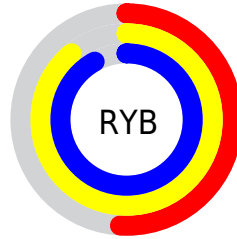
The Android color `4286770060` is a light color, and the websafe version is hex `99FF99`. A complement of this color would be `4293624545`, and the grayscale version is `4290888129`.

A 20% lighter version of the original color is `4290576323`, and `4282954328` is the 20% darker color. If you saturate the color by 10%, you get `4285262711`, and if you desaturate by 10%, it is `4288342945`.

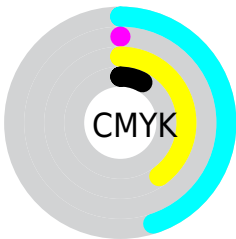
# Distribution



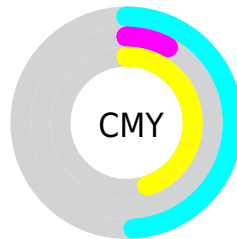
- Red (51%)
- Green (92%)
- Blue (55%)



- Red (51%)
- Yellow (89%)
- Blue (92%)



- Cyan (45%)
- Magenta (0%)
- Yellow (40%)
- Black (8%)



- Cyan (49%)
- Magenta (8%)
- Yellow (45%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4286770060 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 4286770060 by changing the saturation by 10% instead.



 4286770060

 4286770060

4294967295

 4284862066

 4290576323

 4282954328

 4292476895

 4280784704

 4294443004

 4278222119

 4278215437

 4278209024

 4278202880

 4278196736

 4278190080

 4286770060

 4286770060

 4285262711

 4288342945

 4283689825

 4289850295

 4282182476

 4291423180

 4280609591

 4292930529

 4279102242

 4294503414

 4278250262

 4294962175

# Harmonies

## Analogous

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



4291420004



4286770060



4278251973

# Triad

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



4286770060



4281655039



4294944425

# Complementary

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



4286770060



4293624545

# 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.



4294943972



4286770060



4291021567

# Square

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



4286770060



4278250751



4294947839



4294948728

# Rectangle

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



4286770060



4278252270



4294947839



4294943676

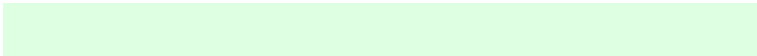


# Sweetspot

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



4286770060



4292804577



4293061506



4285235309



4278190080



4286611584



# Same Dimension

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



4286770060



4285923202



4286770111



4285166955



4278236433



4278203909



# Inverse Universe

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



4293624545



4294931954



4293624494



4285885044



4290052260

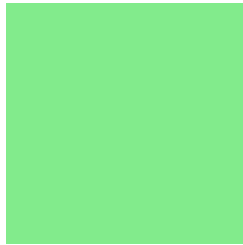


4281729072



# Previews

## White Background



This preview shows how the Android color 4286770060 looks on a white background.

## Color Contrast Check

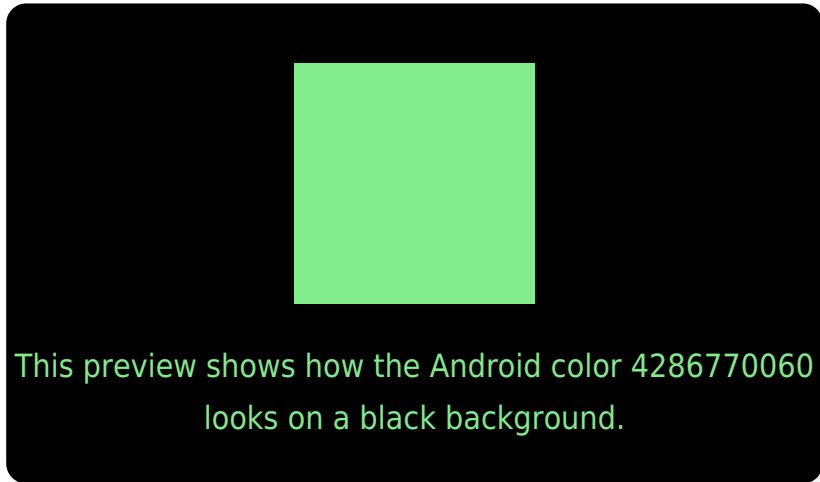
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

# Black Background



## 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 4286770060 Background



This preview shows how black text looks on a background with the Android color 4286770060.

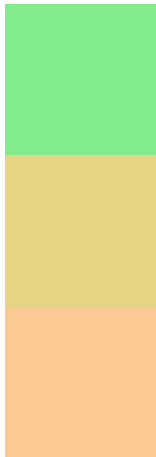


This preview shows how white text looks on a background with the Android color 4286770060.

# 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



**Original Color**  
4286770060

**Protanopia**  
4293317507

**Deuteranopia**  
4294691476

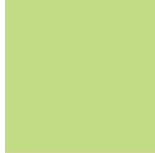


# Trichromacy



**Original Color**

4286770060



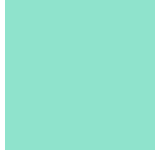
**Protanomaly**

4290960518



**Deuteranomaly**

4291810961



**Tritanomaly**

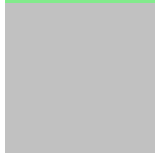
4287620044

# Monochromacy



**Original Color**

4286770060



**Achromatopsia**

4290888129



**Achromatomaly**

4289384622

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4286770060 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, 235, 140)` looks like.

```
.text, #text, p{  
    color:rgb(130, 235, 140)  
}
```

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, 235, 140) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(130, 235, 140) }
```

## Border

The CSS property to change the border of an element to Android 4286770060 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, 235, 140) }
```

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

```
.border{ border-color:rgb(130, 235, 140) }
```

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

Here you see how a box with a 4 pixel `rgb(130, 235, 140)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(130, 235, 140); -webkit-box-  
shadow:4px 4px 4px 4px rgb(130, 235, 140);  
box-shadow:4px 4px 4px 4px rgb(130, 235,  
140) }
```

# Background

The CSS property to change the background color of an element to Android 4286770060 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(130, 235, 140) }
```

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

```
.background{ background-color: rgb(130,  
235, 140) }
```

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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