

# Converting Colors

Android(4284938112)

Have a look what the booklet for  
Android(4284938112) contains.

|  |    |
|--|----|
| <b>Android(4284938112)</b> .....               | 3  |
| <i><b>Conversions</b></i> .....                | 4  |
| <i><b>Details</b></i> .....                    | 6  |
| <i><b>Harmonies</b></i> .....                  | 11 |
| <i><b>Previews</b></i> .....                   | 23 |
| <i><b>Color Blindness Simulation</b></i> ..... | 26 |
| <i><b>CSS Examples</b></i> .....               | 29 |

# **Color**

**Android(4284938112)**

# Conversions

## Conversions Part 1

| Format      | Color                        |
|-------------|------------------------------|
| Hex         | 66F780                       |
| RGB         | 102, 247, 128                |
| RGB Percent | 40%, 97%, 50%                |
| CMY         | 0.6000, 0.0314, 0.4980       |
| CMYK        | 0.59, 0.00, 0.48, 0.03       |
| HSL         | 131°, 90%, 68%               |
| HSV         | 131°, 59%, 97%               |
| XYZ         | 42.6365, 70.9048, 31.8609    |
| YIQ         | 190.0790, -48.2210, -67.7490 |

# Conversions

## Conversions Part 2

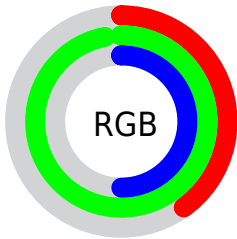
| Format                              | Color  |
|-------------------------------------|--|
| <a href="#">RYB</a>                 | <a href="#">102, 225, 247</a>                |
| Decimal                             | <a href="#">6748032</a>                      |
| CIELab                              | <a href="#">87.44, -63.10, 45.56</a>         |
| CIELCh                              | <a href="#">87, 77.834, 144.169</a>          |
| Yxy                                 | <a href="#">70.9048, 0.2932, 0.4876</a>      |
| Android<br>(android.graphics.Color) | <a href="#">4284938112<br/>(0xFF66F780)</a>  |
| YUV                                 | <a href="#">190.0790, -30.6049, -77.2453</a> |
| Hunter-Lab                          | <a href="#">84.2050, -56.9767, 36.5098</a>   |

# Details

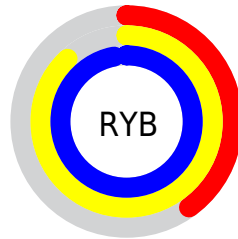
The Android color `4284938112` is a light color, and the websafe version is hex `66FF99`. A complement of this color would be `4294403805`, and the grayscale version is `4290690750`.

A 20% lighter version of the original color is `4289003447`, and `4279418188` is the 20% darker color. If you saturate the color by 10%, you get `4283299692`, and if you desaturate by 10%, it is `4286576532`.

# Distribution



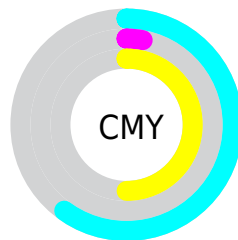
- Red (40%)
- Green (97%)
- Blue (50%)



- Red (40%)
- Yellow (88%)
- Blue (97%)



- Cyan (59%)
- Magenta (0%)
- Yellow (48%)
- Black (3%)



- Cyan (60%)
- Magenta (3%)
- Yellow (50%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4284938112 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 4284938112 by changing the saturation by 10% instead.





4284938112



4284938112

4294967295



4282702438



4289003447



4279418188



4290969555



4278231602



4293001200



4278224406



4278217728



4278211072



4278204928



4278198528




4278190080

 4284938112

 4284938112

 4283299692

 4286576532

 4281726807

 4288149417

 4280088387

 4289787837

 4278449967

 4291426257

 4278253356

 4293064677

 4294637562

 4294965247

# Harmonies

## Analogous

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



4291356999



4284938112



4278255306

# Triad

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



4284938112



4278249727



4294941859

# Complementary

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



4284938112



4294403805

# 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.



4294940653



4284938112



4291022591

# Square

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



4284938112



4278253823



4294946559



4294948195

# Rectangle

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



4284938112



4278255613



4294946559



4294940603

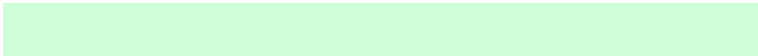


# Sweetspot

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



4284938112



4291952601



4292867942



4284711016



4278190080



4286611584



# Same Dimension

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



4284938112



4283301741



4284938183



4285430384



4278237729



4278205195



# Inverse Universe

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



4294403805



4294921695



4294403734



4286213752



4290379929

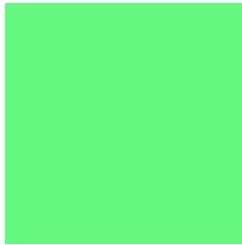


4282056752



# Previews

## White Background



This preview shows how the Android color 4284938112 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 4284938112 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

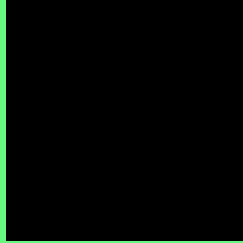
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).



# Android 4284938112 Background



This preview shows how black text looks on a background with the Android color 4284938112.

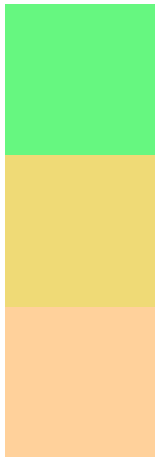


This preview shows how white text looks on a background with the Android color 4284938112.

# 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**  
4284938112

**Protanopia**  
4293909110

**Deuteranopia**  
4294955419



# Trichromacy



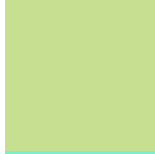
**Original Color**

4284938112



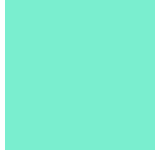
**Protanomaly**

4290635130



**Deuteranomaly**

4291288977



**Tritanomaly**

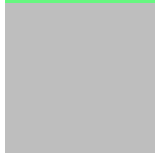
4286246607

# Monochromacy



**Original Color**

4284938112



**Achromatopsia**

4290690750



**Achromatomaly**

4288598951

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4284938112 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(102, 247, 128)` looks like.

```
.text, #text, p{  
    color:rgb(102, 247, 128)  
}
```

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(102, 247, 128) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(102, 247, 128) }
```

## Border

The CSS property to change the border of an element to Android 4284938112 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(102, 247, 128) }
```

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

```
.border{ border-color:rgb(102, 247, 128) }
```

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

Here you see how a box with a 4 pixel `rgb(102, 247, 128)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(102, 247, 128); -webkit-box-  
shadow:4px 4px 4px 4px rgb(102, 247, 128);  
box-shadow:4px 4px 4px 4px rgb(102, 247,  
128) }
```

# Background

The CSS property to change the background color of an element to Android 4284938112 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(102, 247, 128) }
```

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

```
.background{ background-color: rgb(102,  
247, 128) }
```

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](#).



Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

**[Learn more, Memberships starting at \\$2.50/m!](#)**

**Follow me  
on Twitter!**

@ConvertingColor