

# Converting Colors

Android(4284674455)

Have a look what the booklet for  
Android(4284674455) contains.

<b>Android(4284674455)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	11
<b><i>Previews</i></b> .....	23
<b><i>Color Blindness Simulation</i></b> .....	26
<b><i>CSS Examples</i></b> .....	29

# **Color**

**Android(4284674455)**

# Conversions

## Conversions Part 1

Format	Color
Hex	62F197
RGB	98, 241, 151
RGB Percent	38%, 95%, 59%
CMY	0.6157, 0.0549, 0.4078
CMYK	0.59, 0.00, 0.37, 0.05
HSL	142°, 84%, 66%
HSV	142°, 59%, 95%
XYZ	42.0782, 67.7416, 40.1358
YIQ	187.9830, -56.3380, -58.3060

# Conversions

## Conversions Part 2

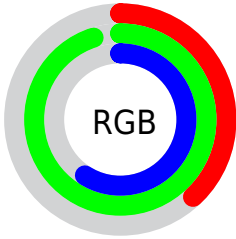
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	98, 202, 241
Decimal	6484375
CIE <sub>Lab</sub>	85.88, -58.05, 32.25
CIE <sub>LCh</sub>	86, 66.407, 150.947
Yxy	67.7416, 0.2806, 0.4517
Android (android.graphics.Color)	4284674455 (0xFF62F197)
YUV	187.9830, -18.2326, -78.9151
Hunter-Lab	82.3053, -52.7770, 28.7012

# Details

The Android color `4284674455` is a light color, and the websafe version is hex `66FF99`. A complement of this color would be `4294009532`, and the grayscale version is `4290559164`.

A 20% lighter version of the original color is `4288741326`, and `4278958179` is the 20% darker color. If you saturate the color by 10%, you get `4283101576`, and if you desaturate by 10%, it is `4286247334`.

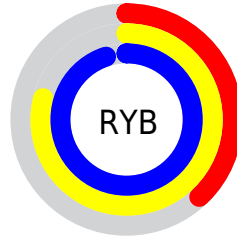
# Distribution



Red (38%)

Green (95%)

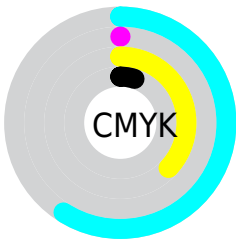
Blue (59%)



Red (38%)

Yellow (79%)

Blue (95%)

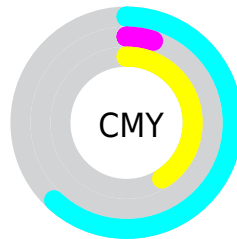


Cyan (59%)

Magenta (0%)

Yellow (37%)

Black (5%)



Cyan (62%)

Magenta (5%)

Yellow (41%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4284674455 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 4284674455 by changing the saturation by 10% instead.





4284674455



4284674455

4294967295



4282438781



4288741326



4278958179



4290707434



4278230090



4292673535



4278223154



4294705151



4278216474



4278209793



4278203904



4278197504




4278190080

 4284674455

 4284674455

 4283101576

 4286247334

 4281528697

 4287820213

 4279955817

 4289393093

 4278382938

 4290965972

 4278251865

 4292538851

 4294177266

 4294963711

# Harmonies

## Analogous

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



4290307685



4284674455



4278253271

# Triad

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



4284674455



4284014079



4294944666

# Complementary

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



4284674455



4294009532

# 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.



4294942679



4284674455



4292658687

# Square

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



4284674455



4278251007



4294946303



4294950249

# Rectangle

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



4284674455



4278253311



4294946303



4294943405

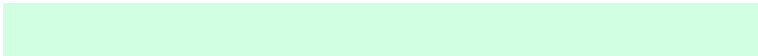


# Sweetspot

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



4284674455



4291952610



4290638178



4284711022



4278190080



4286611584



# Same Dimension

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



4284674455



4283105165



4284674526



4285298800



4278237252



4278204437



# Inverse Universe

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



4294009532



4294920892



4294009461



4286082163



4290248820

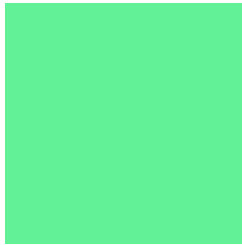


4281860131



# Previews

## White Background



This preview shows how the Android color 4284674455 looks on a white background.

## Color Contrast Check

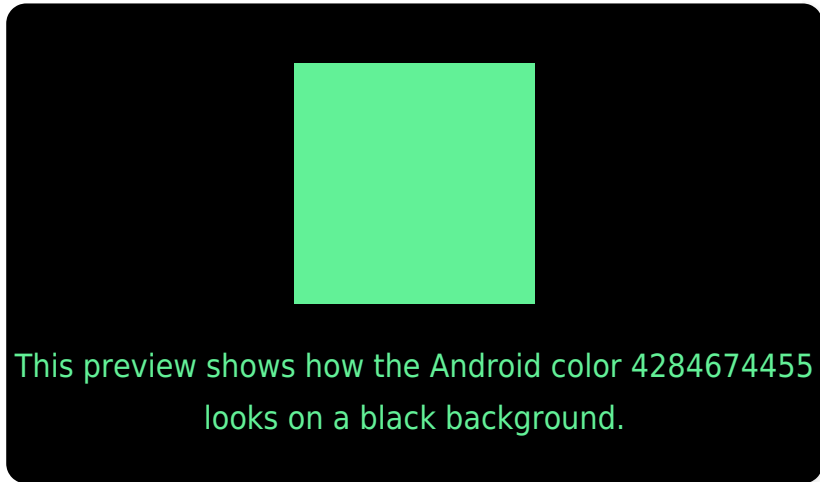
Large Text (above 18pt) WCAG AA × Fail

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 4284674455 Background



This preview shows how black text looks on a background with the Android color 4284674455.

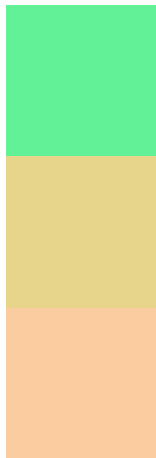


This preview shows how white text looks on a background with the Android color 4284674455.

# 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**  
4284674455

**Protanopia**  
4293383564

**Deuteranopia**  
4294691999

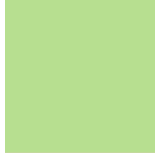


# Trichromacy



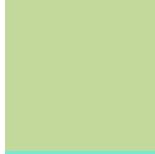
**Original Color**

4284674455



**Protanomaly**

4290240400



**Deuteranomaly**

4291025308



**Tritanomaly**

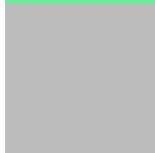
4285852117

# Monochromacy



**Original Color**

4284674455



**Achromatopsia**

4290559164



**Achromatomaly**

4288401327

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4284674455 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(98, 241, 151)` looks like.

```
.text, #text, p{  
    color:rgb(98, 241, 151)  
}
```

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(98, 241, 151) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(98, 241, 151) }
```

## Border

The CSS property to change the border of an element to Android 4284674455 is called "border". The border property can be set on classes, ids or directly on the HTML element.

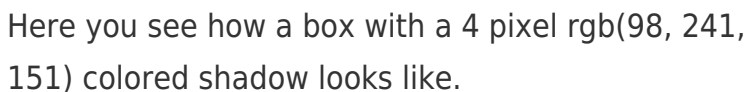
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(98, 241, 151) }
```

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

```
.border{ border-color:rgb(98, 241, 151) }
```

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



Here you see how a box with a 4 pixel `rgb(98, 241, 151)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(98, 241, 151); -webkit-box-  
shadow:4px 4px 4px 4px rgb(98, 241, 151);  
box-shadow:4px 4px 4px 4px rgb(98, 241,  
151) }
```

# Background

The CSS property to change the background color of an element to Android 4284674455 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(98, 241, 151) }
```

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

```
.background{ background-color: rgb(98, 241,  
151) }
```

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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