

# Converting Colors

Android(4284940183)

Have a look what the booklet for  
Android(4284940183) contains.

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# **Color**

**Android(4284940183)**

# Conversions

## Conversions Part 1

Format	Color
Hex	66FF97
RGB	102, 255, 151
RGB Percent	40%, 100%, 59%
CMY	0.6000, 0.0000, 0.4078
CMYK	0.60, 0.00, 0.41, 0.00
HSL	139°, 100%, 70%
HSV	139°, 60%, 100%
XYZ	46.8254, 76.5791, 41.5915
YIQ	197.3970, -57.8040, -64.7800

# Conversions

## Conversions Part 2

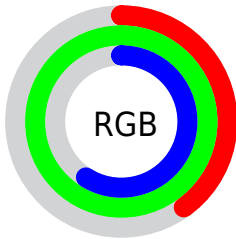
Format	Color
<a href="#">RYB</a>	<a href="#">102, 218, 255</a>
Decimal	<a href="#">6750103</a>
CIELab	<a href="#">90.13, -62.55, 37.86</a>
CIELCh	<a href="#">90, 73.117, 148.811</a>
Yxy	<a href="#">76.5791, 0.2838, 0.4641</a>
Android (android.graphics.Color)	<a href="#">4284940183 (0xFF66FF97)</a>
YUV	<a href="#">197.3970, -22.8737, -83.6632</a>
Hunter-Lab	<a href="#">87.5095, -57.6282, 33.0774</a>

# Details

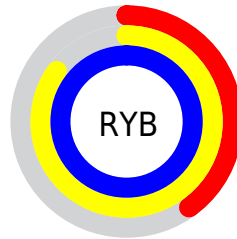
The Android color `4284940183` is a light color, and the websafe version is hex `66FF99`. A complement of this color would be `4294928078`, and the grayscale version is `4291217094`.

A 20% lighter version of the original color is `4289069006`, and `4279027043` is the 20% darker color. If you saturate the color by 10%, you get `4283301766`, and if you desaturate by 10%, it is `4286644136`.

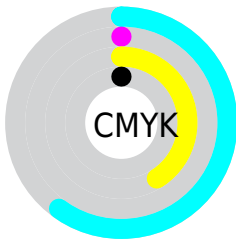
# Distribution



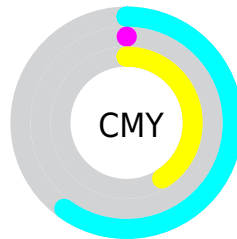
- Red (40%)
- Green (100%)
- Blue (59%)



- Red (40%)
- Yellow (85%)
- Blue (100%)



- Cyan (60%)
- Magenta (0%)
- Yellow (41%)
- Black (0%)



- Cyan (60%)
- Magenta (0%)
- Yellow (41%)


# Brightness & Saturation Gradients

These gradients show how the Android color 4284940183 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 4284940183 by changing the saturation by 10% instead.



 4284940183

 4284940183

4294967295

 4282638972

 4289069006

 4279027043

 4291035115

 4278233417

 4293066751

 4278226481

 4278219543

 4278212864

 4278206464

 4278200320

 4278190336

■ 4284940183

■ 4284940183

■ 4283301766

■ 4286644136

■ 4281597812

■ 4288282554

■ 4279893859

■ 4289986507

■ 4278255442

■ 4291624924

■ 4293328878

4294967295

# Harmonies

## Analogous

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



4291228256



4284940183



4278255582

# Triad

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



4284940183



4280675327



4294945699

# Complementary

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



4284940183



4294928078

# 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.



4294943976



4284940183



4292923903

# Square

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



4284940183



4278254847



4294948351



4294952043

# Rectangle

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



4284940183



4278255615



4294948351



4294944442

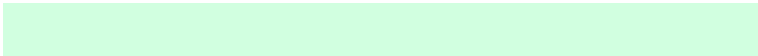


# Sweetspot

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



4284940183



4291952608



4291821414



4284711020



4278190080



4286611584



# Same Dimension

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



4284940183



4282908546



4284940259



4285759607



4278239037



4278206484



# Inverse Universe

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



4294928078



4294920132



4294928002



4286608251



4290707586

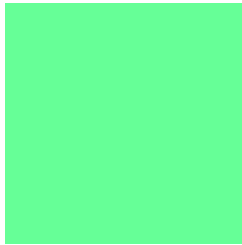


4282384427



# Previews

## White Background



This preview shows how the Android color 4284940183 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 4284940183 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 4284940183 Background



This preview shows how black text looks on a background with the Android color 4284940183.

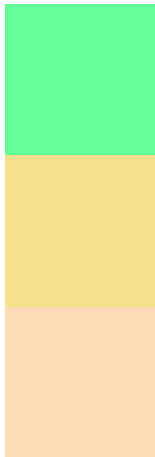


This preview shows how white text looks on a background with the Android color 4284940183.

# 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**  
4284940183

**Protanopia**  
4294304139

**Deuteranopia**  
4294957751



# Trichromacy



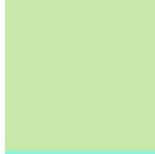
**Original Color**

4284940183



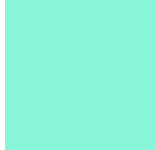
**Protanomaly**

4290899087



**Deuteranomaly**

4291291051



**Tritanomaly**

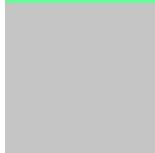
4287165913

# Monochromacy



**Original Color**

4284940183



**Achromatopsia**

4291151301



**Achromatomaly**

4288862900

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4284940183 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, 255, 151)` looks like.

```
.text, #text, p{  
    color:rgb(102, 255, 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(102, 255, 151) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(102, 255, 151) }
```

## Border

The CSS property to change the border of an element to Android 4284940183 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, 255, 151) }
```

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

```
.border{ border-color:rgb(102, 255, 151) }
```

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

Here you see how a box with a 4 pixel `rgb(102, 255, 151)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(102, 255, 151); -webkit-box-shadow:4px 4px 4px 4px rgb(102, 255, 151); box-shadow:4px 4px 4px 4px rgb(102, 255, 151) }
```

# Background

The CSS property to change the background color of an element to Android 4284940183 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(102, 255, 151) }
```

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

```
.background{ background-color: rgb(102,  
255, 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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