

# Converting Colors

Android(4283301780)

Have a look what the booklet for  
Android(4283301780) contains.

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# **Color**

**Android(4283301780)**

# Conversions

## Conversions Part 1

Format	Color
Hex	4DFF94
RGB	77, 255, 148
RGB Percent	30%, 100%, 58%
CMY	0.6980, 0.0000, 0.4196
CMYK	0.70, 0.00, 0.42, 0.00
HSL	144°, 100%, 65%
HSV	144°, 70%, 100%
XYZ	44.1659, 75.2359, 40.2112
YIQ	189.5800, -71.7410, -71.0130

# Conversions

## Conversions Part 2

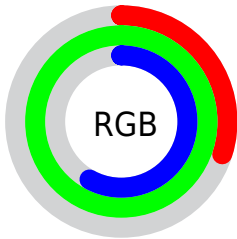
Format	Color
<a href="#">RYB</a>	<a href="#">77, 204, 255</a>
Decimal	<a href="#">5111700</a>
CIELab	<a href="#">89.50, -67.48, 38.41</a>
CIELCh	<a href="#">90, 77.647, 150.351</a>
Yxy	<a href="#">75.2359, 0.2767, 0.4714</a>
Android (android.graphics.Color)	<a href="#">4283301780 (0xFF4DFF94)</a>
YUV	<a href="#">189.5800, -20.4989, -98.7327</a>
Hunter-Lab	<a href="#">86.7386, -60.9034, 33.2308</a>

# Details

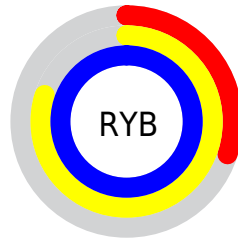
The Android color `4283301780` is a light color, and the websafe version is hex `33FF99`. The color can be described as light washed spring green. A complement of this color would be `4294921656`, and the grayscale version is `4290690750`.

A 20% lighter version of the original color is `4287823819`, and `4278240608` is the 20% darker color. If you saturate the color by 10%, you get `4281663365`, and if you desaturate by 10%, it is `4285005731`.

# Distribution



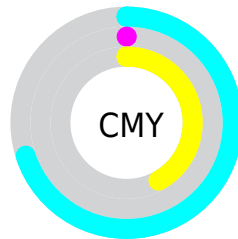
- Red (30%)
- Green (100%)
- Blue (58%)



- Red (30%)
- Yellow (80%)
- Blue (100%)



- Cyan (70%)
- Magenta (0%)
- Yellow (42%)
- Black (0%)



- Cyan (70%)
- Magenta (0%)
- Yellow (42%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4283301780 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 4283301780 by changing the saturation by 10% instead.



 4283301780

 4283301780

4294967295

 4279951994

 4287823819

 4278240608

 4289855464

 4278233415

 4291952639

 4278226222

 4293984255

 4278219284

 4278212608


 4278206208

 4278200064

 4278190080

 4283301780

 4283301780

 4281663365

 4285005731

 4279959413

 4286644147

 4278320998

 4288348098

 4278255462

 4289986513

 4291690465

 4293328880

4294967295

# Harmonies

## Analogous

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



4290638423



4283301780



4278255584

# Triad

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



4283301780



4278249983



4294944410

# Complementary

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



4283301780



4294921656

# 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.



4294941923



4283301780



4293119487

# Square

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



4283301780



4278254591



4294946559



4294951262

# Rectangle

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



4283301780



4278255615



4294946559



4294942898

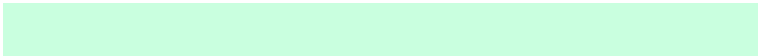


# Sweetspot

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



4283301780



4291428319



4290510669



4284514412



4278190080



4286611584



# Same Dimension

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



4283301780



4280942462



4283301866



4285759608



4278239052



4278206489



# Inverse Universe

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



4294921656



4294912426



4294921570



4286608250



4290707571

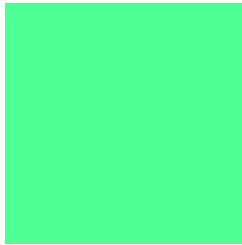


4282384422



# Previews

## White Background



This preview shows how the Android color 4283301780 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 4283301780 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 4283301780 Background



This preview shows how black text looks on a background with the Android color 4283301780.

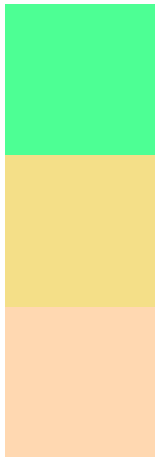


This preview shows how white text looks on a background with the Android color 4283301780.

# 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**  
4283301780

**Protanopia**  
4294238088

**Deuteranopia**  
4294957233



**Tritanopia**  
4287623167

# Trichromacy



**Original Color**  
4283301780



**Protanomaly**  
4290243468



**Deuteranomaly**  
4290700966

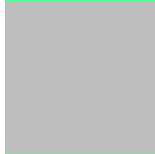


**Tritanomaly**  
4286051800

# Monochromacy



**Original Color**  
4283301780



**Achromatopsia**  
4290690750



**Achromatomaly**  
4288009903

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4283301780 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(77, 255, 148)` looks like.

```
.text, #text, p{  
    color:rgb(77, 255, 148)  
}
```

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(77, 255, 148) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(77, 255, 148) }
```

## Border

The CSS property to change the border of an element to Android 4283301780 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(77, 255, 148) }
```

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

```
.border{ border-color:rgb(77, 255, 148) }
```

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

Here you see how a box with a 4 pixel `rgb(77, 255, 148)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(77, 255, 148); -webkit-box-  
shadow:4px 4px 4px 4px rgb(77, 255, 148);  
box-shadow:4px 4px 4px 4px rgb(77, 255,  
148) }
```

# Background

The CSS property to change the background color of an element to Android 4283301780 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(77, 255, 148) }
```

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

```
.background{ background-color: rgb(77, 255,  
148) }
```

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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