

# Converting Colors

Android(4281597824)

Have a look what the booklet for  
Android(4281597824) contains.

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# **Color**

**Android(4281597824)**

# Conversions

## Conversions Part 1

Format	Color
Hex	33FF80
RGB	51, 255, 128
RGB Percent	20%, 100%, 50%
CMY	0.8000, 0.0000, 0.4980
CMYK	0.80, 0.00, 0.50, 0.00
HSL	143°, 100%, 60%
HSV	143°, 80%, 100%
XYZ	41.0215, 73.7823, 32.5014
YIQ	179.5260, -80.8170, -82.7450

# Conversions

## Conversions Part 2

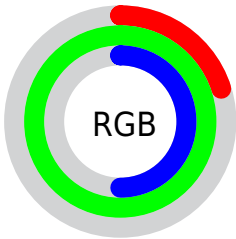
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	<a href="#">51, 199, 255</a>
Decimal	<a href="#">3407744</a>
CIELab	<a href="#">88.82, -73.95, 47.06</a>
CIELCh	<a href="#">89, 87.655, 147.528</a>
Yxy	<a href="#">73.7823, 0.2785, 0.5009</a>
Android (android.graphics.Color)	<a href="#">4281597824 (0xFF33FF80)</a>
YUV	<a href="#">179.5260, -25.4023, -112.7173</a>
Hunter-Lab	<a href="#">85.8966, -65.0731, 37.6936</a>

# Details

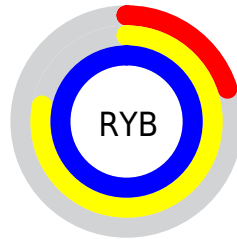
The Android color `4281597824` is a dark color, and the websafe version is hex `33FF66`. The color can be described as middle washed spring green. A complement of this color would be `4294914994`, and the grayscale version is `4290032820`.

A 20% lighter version of the original color is `4286775223`, and `4278240587` is the 20% darker color. If you saturate the color by 10%, you get `4279893872`, and if you desaturate by 10%, it is `4283301776`.

# Distribution



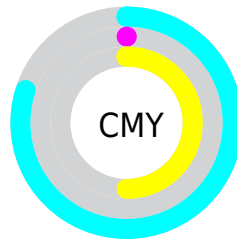
- Red (20%)
- Green (100%)
- Blue (50%)



- Red (20%)
- Yellow (78%)
- Blue (100%)



- Cyan (80%)
- Magenta (0%)
- Yellow (50%)
- Black (0%)




- Cyan (80%)
- Magenta (0%)
- Yellow (50%)


# Brightness & Saturation Gradients

These gradients show how the Android color 4281597824 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 4281597824 by changing the saturation by 10% instead.



 4281597824

 4281597824

4294967295


 4278248037

 4286775223

 4278240587

 4289003475

 4278233137

 4291100656

 4278226196

 4293197823

 4278219264

 4278212352

 4278206208

 4278199552

 4278190080

■ 4281597824

■ 4281597824

■ 4279893872

■ 4283301776

■ 4278255456

■ 4284940192

■ 4286644144

■ 4288282560

■ 4289986511

■ 4291624927

■ 4293328879

4294967295

# Harmonies

## Analogous

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



4290638133



4281597824



4278255573

# Triad

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



4281597824



4278250495



4294940311

# Complementary

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



4281597824



4294914994

# 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.



4294937834



4281597824



4291939583

# Square

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



4281597824



4278255359



4294944511



4294948686

# Rectangle

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



4281597824



4278255615



4294944511



4294938546

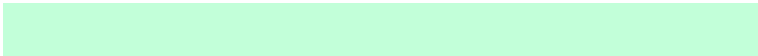


# Sweetspot

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



4281597824



4290969561



4290051891



4284186728



4278190080



4286611584



# Same Dimension

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



4281597824



4278910823



4281597924



4285759608



4278239048



4278206488



# Inverse Universe

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



4294914994



4294904483



4294914894



4286608251



4290707575

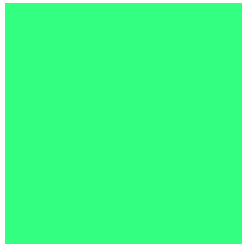


4282384424



# Previews

## White Background



This preview shows how the Android color 4281597824 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 4281597824 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

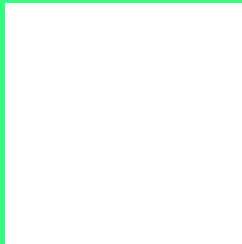
If you want to check with other color combinations, try the [Color Contrast Checker](#).



# Android 4281597824 Background



This preview shows how black text looks on a background with the Android color 4281597824.

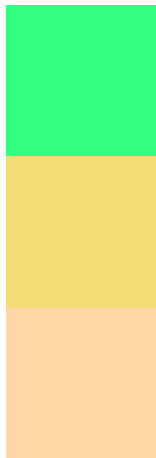


This preview shows how white text looks on a background with the Android color 4281597824.

# 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**  
4281597824

**Protanopia**  
4294172020

**Deuteranopia**  
4294956710



# Trichromacy



**Original Color**  
4281597824



**Protanomaly**  
4289587576



**Deuteranomaly**  
4290110872

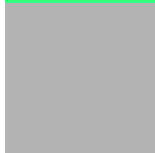


**Tritanomaly**  
4284937425

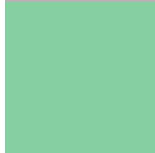
# Monochromacy



**Original Color**  
4281597824



**Achromatopsia**  
4290032820



**Achromatomaly**  
4286959521

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4281597824 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(51, 255, 128)` looks like.

```
.text, #text, p{  
    color:rgb(51, 255, 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(51, 255, 128) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(51, 255, 128) }
```

## Border

The CSS property to change the border of an element to Android 4281597824 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(51, 255, 128) }
```

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

```
.border{ border-color:rgb(51, 255, 128) }
```

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

Here you see how a box with a 4 pixel `rgb(51, 255, 128)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(51, 255, 128); -webkit-box-  
shadow:4px 4px 4px 4px rgb(51, 255, 128);  
box-shadow:4px 4px 4px 4px rgb(51, 255,  
128) }
```

# Background

The CSS property to change the background color of an element to Android 4281597824 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(51, 255, 128) }
```

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

```
.background{ background-color: rgb(51, 255,  
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](#).



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