

# Converting Colors

Android(4281464733)

Have a look what the booklet for  
Android(4281464733) contains.

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# **Color**

**Android(4281464733)**

# Conversions

## Conversions Part 1

Format	Color
Hex	31F79D
RGB	49, 247, 157
RGB Percent	19%, 97%, 62%
CMY	0.8078, 0.0314, 0.3843
CMYK	0.80, 0.00, 0.36, 0.03
HSL	153°, 93%, 58%
HSV	153°, 80%, 97%
XYZ	40.6132, 69.6088, 43.1936
YIQ	177.5380, -89.1180, -69.9660

# Conversions

## Conversions Part 2

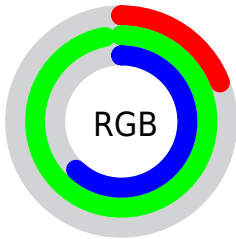
Format	Color
<a href="#">RYB</a>	<a href="#">49, 177, 247</a>
Decimal	<a href="#">3274653</a>
CIELab	<a href="#">86.80, -66.52, 30.29</a>
CIELCh	<a href="#">87, 73.097, 155.516</a>
Yxy	<a href="#">69.6088, 0.2647, 0.4537</a>
Android (android.graphics.Color)	<a href="#">4281464733 (0xFF31F79D)</a>
YUV	<a href="#">177.5380, -10.1252, -112.7278</a>
Hunter-Lab	<a href="#">83.4319, -59.1151, 27.7073</a>

# Details

The Android color `4281464733` 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 `4294390155`, and the grayscale version is `4289901234`.

A 20% lighter version of the original color is `4286578644`, and `4278238569` is the 20% darker color. If you saturate the color by 10%, you get `4279826322`, and if you desaturate by 10%, it is `4283103144`.

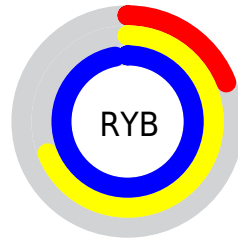
# Distribution



Red (19%)

Green (97%)

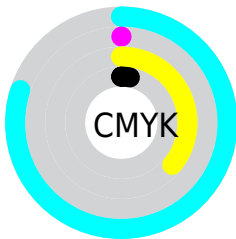
Blue (62%)



Red (19%)

Yellow (69%)

Blue (97%)

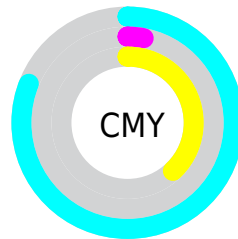


Cyan (80%)

Magenta (0%)

Yellow (36%)

Black (3%)



Cyan (81%)

Magenta (3%)

Yellow (38%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4281464733 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 4281464733 by changing the saturation by 10% instead.





4281464733



4281464733

4294967295



4278246019



4286578644



4278238569



4288741361



4278231376



4290838527



4278224440



4292870143



4278217504



4278210824



4278204672



4278198272



4278190080

 4281464733

 4281464733

 4279826322

 4283103144


 4278253447

 4284676019

 4286314431

 4287952842

 4289591253

 4291164128

 4292802540

 4294440951

 4294965247

# Harmonies

## Analogous

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



4289391713



4281464733



4278254565

# Triad

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



4281464733



4284538367



4294944652

# Complementary

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



4281464733



4294390155

# 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.



4294941391



4281464733



4293772031

# Square

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



4281464733



4278251775



4294944511



4294951256

# Rectangle

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



4281464733



4278254591



4294944511



4294942882

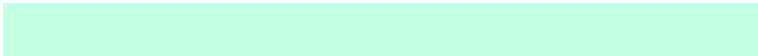


# Sweetspot

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



4281464733



4290969571



4287493937



4284186735



4278190080



4286611584



# Same Dimension

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



4281464733



4278910864



4281463031



4285430389



4278237798



4278205216



# Inverse Universe

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



4294390155



4294904441



4294391857



4286213748



4290379861

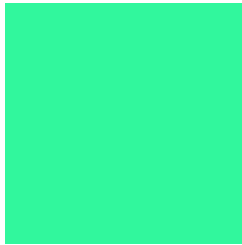


4282056731



# Previews

## White Background



This preview shows how the Android color 4281464733 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 4281464733 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 4281464733 Background



This preview shows how black text looks on a background with the Android color 4281464733.

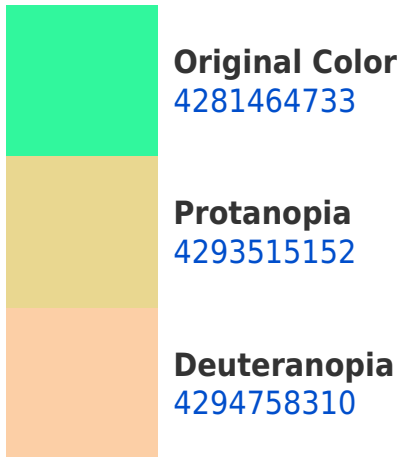


This preview shows how white text looks on a background with the Android color 4281464733.

# 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





# Trichromacy



**Original Color**  
4281464733



**Protanomaly**  
4289127317



**Deuteranomaly**  
4289912483

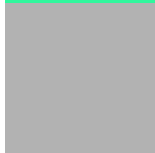


**Tritanomaly**  
4283494363

# Monochromacy



**Original Color**  
4281464733



**Achromatopsia**  
4289901234



**Achromatomaly**  
4286827434

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4281464733 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(49, 247, 157)` looks like.

```
.text, #text, p{  
    color:rgb(49, 247, 157)  
}
```

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(49, 247, 157) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(49, 247, 157) }
```

## Border

The CSS property to change the border of an element to Android 4281464733 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(49, 247, 157) }
```

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

```
.border{ border-color:rgb(49, 247, 157) }
```

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

Here you see how a box with a 4 pixel `rgb(49, 247, 157)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(49, 247, 157); -webkit-box-  
shadow:4px 4px 4px 4px rgb(49, 247, 157);  
box-shadow:4px 4px 4px 4px rgb(49, 247,  
157) }
```

# Background

The CSS property to change the background color of an element to Android 4281464733 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(49, 247, 157) }
```

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

```
.background{ background-color: rgb(49, 247,  
157) }
```

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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