

# Converting Colors

Android(4278242131)

Have a look what the booklet for  
Android(4278242131) contains.

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**Color**

**Android(4278242131)**

# Conversions

## Conversions Part 1

Format	Color
Hex	00CB53
RGB	0, 203, 83
RGB Percent	0%, 80%, 33%
CMY	1.0000, 0.2039, 0.6745
CMYK	1.00, 0.00, 0.59, 0.20
HSL	145°, 100%, 40%
HSV	145°, 100%, 80%
XYZ	22.9173, 43.3364, 15.3405
YIQ	128.6230, -82.4680, -80.3560

# Conversions

## Conversions Part 2

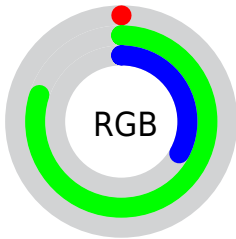
Format	Color
<a href="#">RYB</a>	<a href="#">0, 144, 203</a>
Decimal	<a href="#">52051</a>
CIELab	<a href="#">71.78, -67.17, 47.28</a>
CIELCh	<a href="#">72, 82.141, 144.859</a>
Yxy	<a href="#">43.3364, 0.2809, 0.5311</a>
Android (android.graphics.Color)	<a href="#">4278242131 (0xFF00CB53)</a>
YUV	<a href="#">128.6230, -22.4921, -112.8024</a>
Hunter-Lab	<a href="#">65.8304, -53.0627, 32.2649</a>

# Details

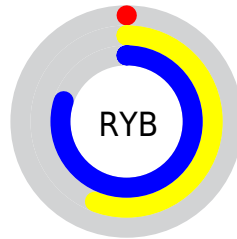
The Android color **4278242131** is a dark color, and the websafe version is hex **00CC66**. The color can be described as dark washed green. A complement of this color would be **4291494008**, and the grayscale version is **4286677377**.

A 20% lighter version of the original color is **4284940168**, and **4278227741** is the 20% darker color. If you saturate the color by 10%, you get **4278242131**, and if you desaturate by 10%, it is **4279552863**.

# Distribution



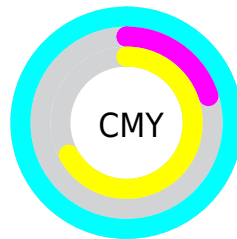
- Red (0%)
- Green (80%)
- Blue (33%)



- Red (0%)
- Yellow (56%)
- Blue (80%)



- Cyan (100%)
- Magenta (0%)
- Yellow (59%)
- Black (20%)



- Cyan (100%)
- Magenta (20%)
- Yellow (67%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4278242131 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 4278242131 by changing the saturation by 10% instead.



 4278242131

 4278242131

4294967295

 4278234937

 4284940168


 4278227741

 4287102883

 4278220800

 4289134527

 4278214144

 4291166171

 4278207488

 4293197816

 4278201600

 4278193152

 4278190080

 4278242131

 4279552863

 4280929131

 4282239863

 4283550595

 4284926863

 4286237595

 4287548327

 4288859059

 4290235327

# Harmonies

## Analogous

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



4288069120



4278242131



4278243744

# Triad

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



4278242131



4278238719



4294928502

# Complementary

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



4278242131



4291494008

# 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.



4294926528



4278242131



4287800063

# Square

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



4278242131



4278242559



4294802943



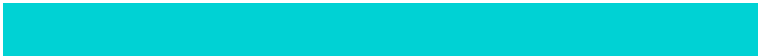
4294936624

# Rectangle

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



4278242131



4278244052



4294802943



4294926734

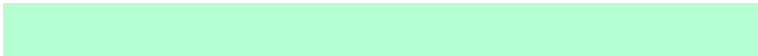


# Sweetspot

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



4278242131



4289986514



4286237440



4283596900



4278190080



4286611584



# Same Dimension

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



4278242131



4278255464



4278242231



4284245600



4278232644



4278199824



# Inverse Universe

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



4291494008



4294901911



4291493908



4284898402



4289069154

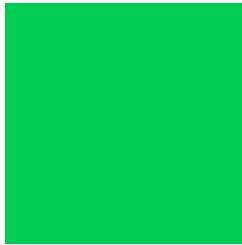


4280680471



# Previews

## White Background



This preview shows how the Android color 4278242131 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 4278242131 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 4278242131 Background



This preview shows how black text looks on a background with the Android color 4278242131.



This preview shows how white text looks on a background with the Android color 4278242131.

# 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**  
4278242131



**Protanomaly**  
4286298445



**Deuteranomaly**  
4287148889



**Tritanomaly**  
4281582497

# Monochromacy



**Original Color**  
4278242131



**Achromatopsia**  
4286677377



**Achromatomaly**  
4283604080

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4278242131 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(0, 203, 83)` looks like.

```
.text, #text, p{  
    color:rgb(0, 203, 83)  
}
```

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(0, 203, 83) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 203, 83) }
```

## Border

The CSS property to change the border of an element to Android 4278242131 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(0, 203, 83) }
```

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

```
.border{ border-color:rgb(0, 203, 83) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 203, 83)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 203, 83); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 203, 83);  
box-shadow:4px 4px 4px 4px rgb(0, 203, 83)  
}
```

# Background

The CSS property to change the background color of an element to Android 4278242131 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 203, 83) }
```

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

```
.background{ background-color: rgb(0, 203,  
83) }
```

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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