

# Converting Colors

Android(4280467812)

Have a look what the booklet for  
Android(4280467812) contains.

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**Color**

**Android(4280467812)**

# Conversions

## Conversions Part 1

Format	Color
Hex	22C164
RGB	34, 193, 100
RGB Percent	13%, 76%, 39%
CMY	0.8667, 0.2431, 0.6078
CMYK	0.82, 0.00, 0.48, 0.24
HSL	145°, 70%, 45%
HSV	145°, 82%, 76%
XYZ	22.0299, 39.4001, 18.5005
YIQ	134.8570, -64.9110, -62.6310

# Conversions

## Conversions Part 2

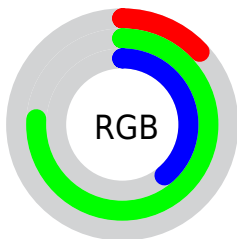
Format	Color
<a href="#">RYB</a>	<a href="#">34, 146, 193</a>
Decimal	<a href="#">2277732</a>
CIELab	<a href="#">69.04, -59.42, 35.85</a>
CIELCh	<a href="#">69, 69.394, 148.897</a>
Yxy	<a href="#">39.4001, 0.2756, 0.4929</a>
Android (android.graphics.Color)	<a href="#">4280467812</a> (0xFF22C164)
YUV	<a href="#">134.8570, -17.1845, -88.4516</a>
Hunter-Lab	<a href="#">62.7695, -47.1994, 26.4637</a>

# Details

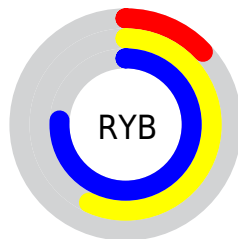
The Android color `4280467812` is a dark color, and the websafe version is hex `33CC66`. The color can be described as dark muted spring green. A complement of this color would be `4290847359`, and the grayscale version is `4287072135`.

A 20% lighter version of the original color is `4285332376`, and `4278225458` is the 20% darker color. If you saturate the color by 10%, you get `4279222617`, and if you desaturate by 10%, it is `4281713007`.

# Distribution



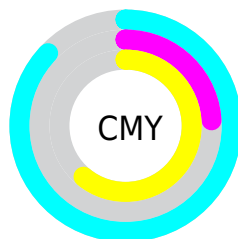
- Red (13%)
- Green (76%)
- Blue (39%)



- Red (13%)
- Yellow (57%)
- Blue (76%)



- Cyan (82%)
- Magenta (0%)
- Yellow (48%)
- Black (24%)



- Cyan (87%)
- Magenta (24%)
- Yellow (61%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4280467812 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 4280467812 by changing the saturation by 10% instead.





4280467812



4280467812

4294967295



4278232395



4285332376



4278225458



4287365043



4278218522



4289331151



4278212096



4291297260



4278205696



4293328895



4278199552



4278190080



4280467812



4280467812



4279222617



4281713007

■ 4278239568

■ 4283023739

■ 4284268934

■ 4285514129

■ 4286824860

■ 4288070056

■ 4289315251

■ 4290560446

■ 4291871178

# Harmonies

## Analogous

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



4287411757



4280467812



4278240932

# Triad

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



4280467812



4278235647



4294931312

# Complementary

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



4280467812



4290847359

# 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.



4294929326



4280467812



4288911871

# Square

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



4280467812



4278239231



4294082026



4294609978

# Rectangle

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



4280467812



4278240975



4294082026



4294930052

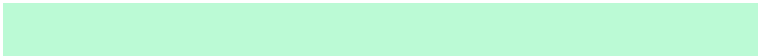


# Sweetspot

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



4280467812



4290509525



4286693666



4283923815



4294769916



4286414205



# Same Dimension

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



4280467812



4278385257



4280467889



4283916635



4278231363



4278198542



# Inverse Universe

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



4290847359



4294574739



4290847282



4284569437



4288741470



4280352787



# Previews

## White Background



This preview shows how the Android color 4280467812 looks on a white background.

## Color Contrast Check

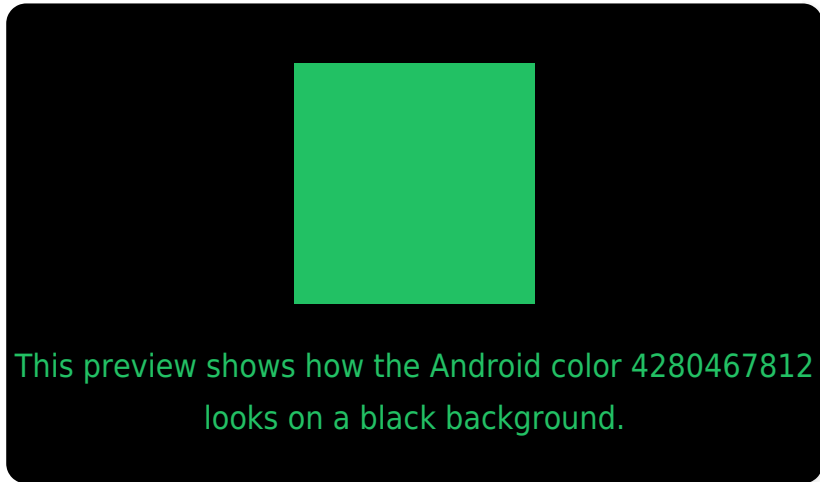
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

# Black Background



## 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 4280467812 Background



This preview shows how black text looks on a background with the Android color 4280467812.



This preview shows how white text looks on a background with the Android color 4280467812.

# 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**

4280467812



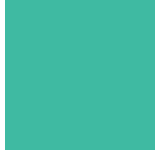
**Protanomaly**

4286689374



**Deuteranomaly**

4287409257



**Tritanomaly**

4282366626

# Monochromacy



**Original Color**

4280467812



**Achromatopsia**

4287072135



**Achromatomaly**

4284652666

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4280467812 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(34, 193, 100)` looks like.

```
.text, #text, p{  
    color:rgb(34, 193, 100)  
}
```

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(34, 193, 100) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(34, 193, 100) }
```

## Border

The CSS property to change the border of an element to Android 4280467812 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(34, 193, 100) }
```

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

```
.border{ border-color:rgb(34, 193, 100) }
```

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

Here you see how a box with a 4 pixel rgb(34, 193, 100) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(34, 193, 100); -webkit-box-  
shadow:4px 4px 4px 4px rgb(34, 193, 100);  
box-shadow:4px 4px 4px 4px rgb(34, 193,  
100) }
```

# Background

The CSS property to change the background color of an element to Android 4280467812 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(34, 193, 100) }
```

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

```
.background{ background-color: rgb(34, 193,  
100) }
```

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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