

# Converting Colors

Android(4280477512)

Have a look what the booklet for  
Android(4280477512) contains.

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# **Color**

**Android(4280477512)**

# Conversions

## Conversions Part 1

Format	Color
Hex	22E748
RGB	34, 231, 72
RGB Percent	13%, 91%, 28%
CMY	0.8667, 0.0941, 0.7176
CMYK	0.85, 0.00, 0.69, 0.09
HSL	132°, 80%, 52%
HSV	132°, 85%, 91%
XYZ	30.4053, 57.9598, 15.7157
YIQ	153.9710, -66.3730, -91.2130

# Conversions

## Conversions Part 2

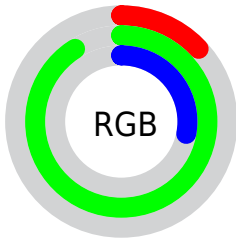
Format	Color
<a href="#">RYB</a>	<a href="#">34, 199, 231</a>
Decimal	<a href="#">2287432</a>
CIELab	<a href="#">80.72, -74.92, 61.84</a>
CIElCh	<a href="#">81, 97.148, 140.464</a>
Yxy	<a href="#">57.9598, 0.2921, 0.5569</a>
Android (android.graphics.Color)	<a href="#">4280477512 (0xFF22E748)</a>
YUV	<a href="#">153.9710, -40.4117, -105.2146</a>
Hunter-Lab	<a href="#">76.1313, -61.9406, 41.0527</a>

# Details

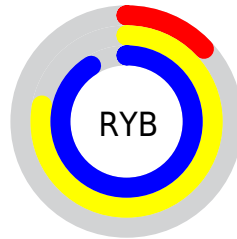
The Android color `4280477512` is a dark color, and the websafe version is hex `33FF66`. The color can be described as dark washed green. A complement of this color would be `4293337793`, and the grayscale version is `4288322202`.

A 20% lighter version of the original color is `4286054272`, and `4278234624` is the 20% darker color. If you saturate the color by 10%, you get `4278970165`, and if you desaturate by 10%, it is `4281984859`.

# Distribution



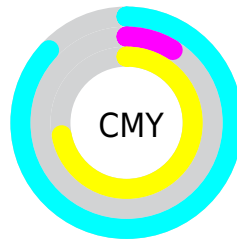
- Red (13%)
- Green (91%)
- Blue (28%)



- Red (13%)
- Yellow (78%)
- Blue (91%)



- Cyan (85%)
- Magenta (0%)
- Yellow (69%)
- Black (9%)



- Cyan (87%)
- Magenta (9%)
- Yellow (72%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4280477512 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 4280477512 by changing the saturation by 10% instead.



 4280477512

 4280477512

4294967295

 4278241834

 4286054272

 4278234624

 4288216988

 4278227456

 4290314168

 4278220544

 4292411349

 4278213632

 4294442994

 4278207232

 4278200832

 4278191360

 4278190080

 4280477512

 4280477512

 4278970165

 4281984859

 4278249261

 4283492205

 4284999552

 4286506899

 4288014245

 4289587128

 4291094475

 4292601821

 4294109168

# Harmonies

## Analogous

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



4290107136



4280477512



4278251431

# Triad

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



4280477512



4278246655



4294928271

# Complementary

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



4280477512



4293337793

# Split Complementary

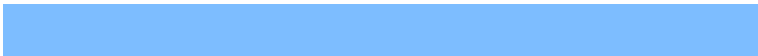
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



4294927849



4280477512



4286430719

# Square

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



4280477512



4278250751



4294938879



4294938936

# Rectangle

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



4280477512



4278252007



4294938879



4294926253

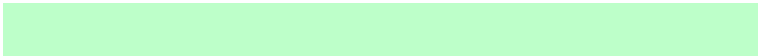


# Sweetspot

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



4280477512



4290641865



4291028770



4283990112



4278190080



4286611584



# Same Dimension

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



4280477512



4278255409



4280477609



4284969833



4278235938



4278203146



# Inverse Universe

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



4293337793



4294901966



4293337696



4285753201



4289921168

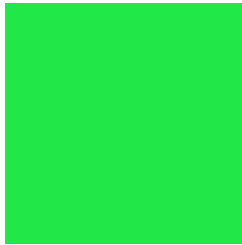


4281532457



# Previews

## White Background



This preview shows how the Android color 4280477512 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 4280477512 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 4280477512 Background



This preview shows how black text looks on a background with the Android color 4280477512.

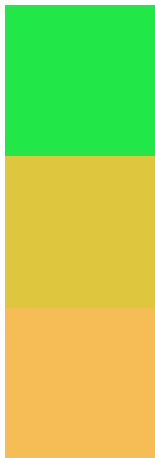


This preview shows how white text looks on a background with the Android color 4280477512.

# 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**  
4280477512

**Protanopia**  
4292790079

**Deuteranopia**  
4294360406



# Trichromacy



**Original Color**

4280477512



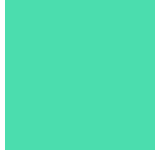
**Protanomaly**

4288336706



**Deuteranomaly**

4289317969



**Tritanomaly**

4283162030

# Monochromacy



**Original Color**

4280477512



**Achromatopsia**

4288322202



**Achromatomaly**

4285445756

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4280477512 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, 231, 72)` looks like.

```
.text, #text, p{  
    color:rgb(34, 231, 72)  
}
```

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, 231, 72) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(34, 231, 72) }
```

## Border

The CSS property to change the border of an element to Android 4280477512 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, 231, 72) }
```

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

```
.border{ border-color:rgb(34, 231, 72) }
```

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

Here you see how a box with a 4 pixel `rgb(34, 231, 72)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(34, 231, 72); -webkit-box-  
shadow:4px 4px 4px 4px rgb(34, 231, 72);  
box-shadow:4px 4px 4px 4px rgb(34, 231,  
72) }
```

# Background

The CSS property to change the background color of an element to Android 4280477512 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(34, 231, 72) }
```

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

```
.background{ background-color: rgb(34, 231,  
72) }
```

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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