

Converting Colors

Android(4278641168)

Have a look what the booklet for
Android(4278641168) contains.

Android(4278641168)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Android(4278641168)

Conversions

Conversions Part 1

Format	Color
Hex	06E210
RGB	6, 226, 16
RGB Percent	2%, 89%, 6%
CMY	0.9765, 0.1137, 0.9373
CMYK	0.97, 0.00, 0.93, 0.11
HSL	123°, 95%, 45%
HSV	123°, 97%, 89%
XYZ	27.3650, 54.4688, 9.5615
YIQ	136.2800, -63.7100, -111.9500

Conversions

Conversions Part 2

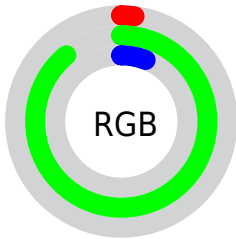
Format	Color
RYB	6, 216, 226
Decimal	451088
CIELab	78.73, -78.18, 74.44
CIELCh	79, 107.949, 136.404
Yxy	54.4688, 0.2994, 0.5960
Android (android.graphics.Color)	4278641168 (0xFF06E210)
YUV	136.2800, -59.2980, -114.2556
Hunter-Lab	73.8030, -62.9703, 43.9809

Details

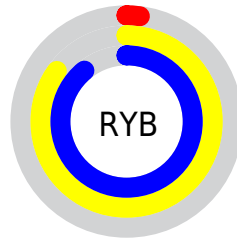
The Android color `4278641168` is a dark color, and the websafe version is hex `00CC00`. The color can be described as dark washed green. A complement of this color would be `4293002968`, and the grayscale version is `4287203721`.

A 20% lighter version of the original color is `4285661018`, and `4278233344` is the 20% darker color. If you saturate the color by 10%, you get `4278247946`, and if you desaturate by 10%, it is `4280148518`.

Distribution



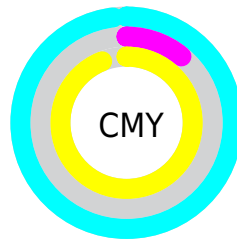
- Red (2%)
- Green (89%)
- Blue (6%)



- Red (2%)
- Yellow (85%)
- Blue (89%)



- Cyan (97%)
- Magenta (0%)
- Yellow (93%)
- Black (11%)



- Cyan (98%)
- Magenta (11%)
- Yellow (94%)

Brightness & Saturation Gradients

These gradients show how the Android color 4278641168 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 4278641168 by changing the saturation by 10% instead.

 4278641168

 4278641168

4294967295

 4278240512

 4285661018

 4278233344

 4287889272

 4278226176

 4289986453

 4278219264

 4292083634

 4278212608

 4294180815

 4278206208

 4294967277

 4278199552

 4278190080

 4278641168

 4278641168

■ 4278247946

■ 4280148518

■ 4281590331

■ 4283097681

■ 4284539494

■ 4286046844

■ 4287554193

■ 4288996007

■ 4290503357

■ 4291945170

Harmonies

Analogous

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



4290301696



4278641168



4278250384

Triad

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



4278641168



4278246655



4294917521

Complementary

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



4278641168



4293002968

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.



4294920181



4278641168



4278238719

Square

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



4278641168



4278250495



4294937087



4294933036

Rectangle

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



4278641168



4278251223



4294937087



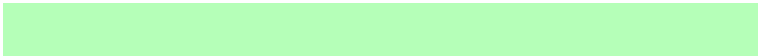
4294914738

Sweetspot

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



4278641168



4290117560



4292600326



4283662421



4278190080



4286611584

Same Dimension

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



4278641168



4278255372



4278641275



4284837989



4278235144



4278202370

Inverse Universe

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



4293002968



4294902003



4293002861



4285556080



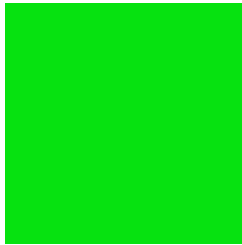
4289724584



4281335854

Previews

White Background



This preview shows how the Android color 4278641168 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 4278641168 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

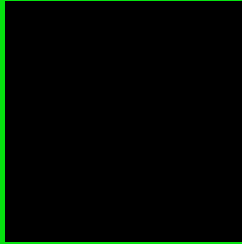
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

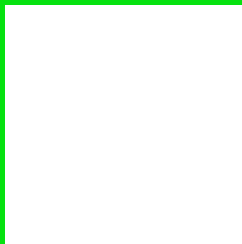
Any Text WCAG AAA ✓ Pass

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

Android 4278641168 Background



This preview shows how black text looks on a background with the Android color 4278641168.



This preview shows how white text looks on a background with the Android color 4278641168.

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

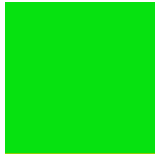


Original Color
4278641168

Protanopia
4292526592

Deuteranopia
4294096691

Trichromacy



Original Color

4278641168



Protanomaly

4287483398



Deuteranomaly

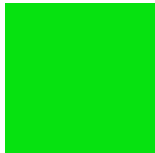
4288464678



Tritanomaly

4282374294

Monochromacy



Original Color

4278641168



Achromatopsia

4287137928



Achromatomaly

4284066140

CSS Examples

Text

The CSS property to change the color of the text to Android 4278641168 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(6, 226, 16)` looks like.

```
.text, #text, p{  
    color:rgb(6, 226, 16)  
}
```

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(6, 226, 16) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(6, 226, 16) }
```

Border

The CSS property to change the border of an element to Android 4278641168 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(6, 226, 16) }
```

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

```
.border{ border-color:rgb(6, 226, 16) }
```

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

Here you see how a box with a 4 pixel `rgb(6, 226, 16)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(6, 226, 16); -webkit-box-  
shadow:4px 4px 4px 4px rgb(6, 226, 16);  
box-shadow:4px 4px 4px 4px rgb(6, 226, 16)  
}
```

Background

The CSS property to change the background color of an element to Android 4278641168 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(6, 226, 16) }
```

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

```
.background{ background-color: rgb(6, 226,  
16) }
```

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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