

Converting Colors

Android(4278706962)

Have a look what the booklet for
Android(4278706962) contains.

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Color

Android(4278706962)

Conversions

Conversions Part 1

| Format | Color |
|-------------|-------------------------------|
| Hex | 07E312 |
| RGB | 7, 227, 18 |
| RGB Percent | 3%, 89%, 7% |
| CMY | 0.9725, 0.1098, 0.9294 |
| CMYK | 0.97, 0.00, 0.92, 0.11 |
| HSL | 123°, 94%, 46% |
| HSV | 123°, 97%, 89% |
| XYZ | 27.6659, 55.0270, 9.7354 |
| YIQ | 137.3940, -64.0310, -111.6390 |

Conversions

Conversions Part 2

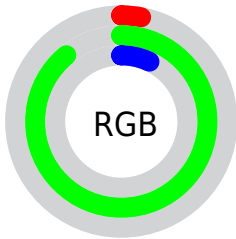
| Format | Color |
|-------------------------------------|---|
| RYB | 7, 217, 227 |
| Decimal | 516882 |
| CIELab | 79.06, -78.36, 74.46 |
| CIELCh | 79, 108.097, 136.464 |
| Yxy | 55.0270, 0.2993, 0.5953 |
| Android (android.graphics.Color) | 4278706962 (0xFF07E312) |
| YUV | 137.3940, -58.8612, -114.3555 |
| Hunter-Lab | 74.1802, -63.2428, 44.1449 |

Details

The Android color `4278706962` is a dark color, and the websafe version is hex `33FF33`. The color can be described as dark washed green. A complement of this color would be `4293068760`, and the grayscale version is `4287269514`.

A 20% lighter version of the original color is `4285661019`, and `4278233600` is the 20% darker color. If you saturate the color by 10%, you get `4278248203`, and if you desaturate by 10%, it is `4280214312`.

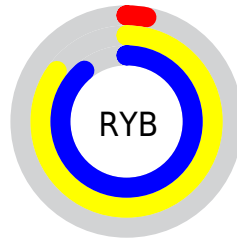
Distribution



Red (3%)

Green (89%)

Blue (7%)



Red (3%)

Yellow (85%)

Blue (89%)

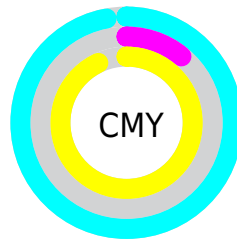


Cyan (97%)

Magenta (0%)

Yellow (92%)

Black (11%)



Cyan (97%)

Magenta (11%)

Yellow (93%)

Brightness & Saturation Gradients

These gradients show how the Android color 4278706962 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 4278706962 by changing the saturation by 10% instead.

 4278706962

 4278706962

4294967295

 4278240768

 4285661019

 4278233600

 4287889273

 4278226432

 4290051990

 4278219520

 4292149171

 4278212608

 4294246352

 4278206464

 4294967278

 4278199552

 4278190080

 4278706962

 4278706962

■ 4278248203

■ 4280214312

■ 4281656125

■ 4283163475

■ 4284670824

■ 4286178174

■ 4287619987

■ 4289127337

■ 4290634687

■ 4292076500

Harmonies

Analogous

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



4290301952



4278706962



4278250641

Triad

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



4278706962



4278246911



4294917778

Complementary

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



4278706962



4293068760

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.



4294920438



4278706962



4278238719

Square

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



4278706962



4278250751



4294937087



4294933293

Rectangle

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



4278706962



4278251480



4294937087



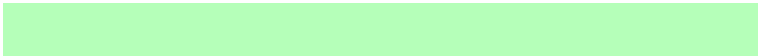
4294914995

Sweetspot

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



4278706962



4290117561



4292403975



4283662421



4278190080



4286611584

Same Dimension

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



4278706962



4278255373



4278707072



4284969832



4278235913



4278203139

Inverse Universe

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



4293068760



4294902002



4293068650



4285753202



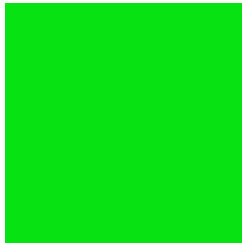
4289921194



4281532464

Previews

White Background



This preview shows how the Android color 4278706962 looks on a white background.

Color Contrast Check

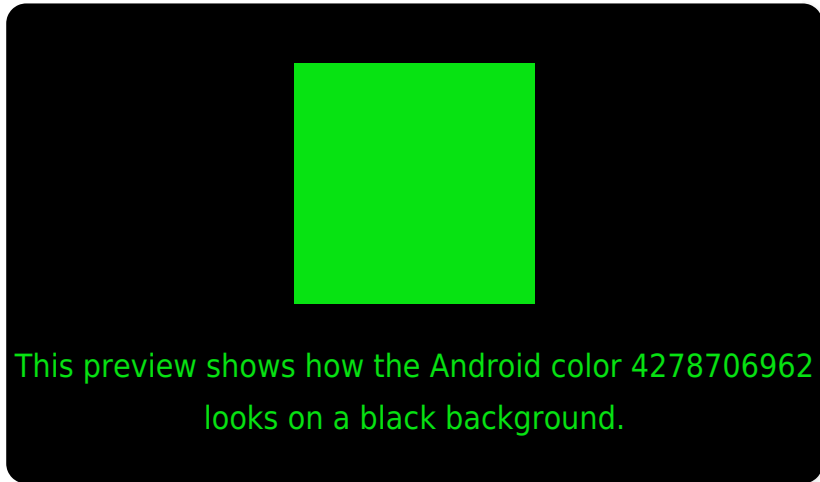
Large Text (above 18pt) WCAG AA × Fail

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

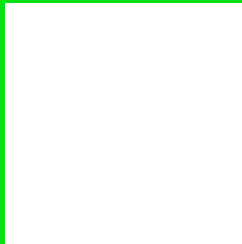
Any Text WCAG AAA ✓ Pass

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

Android 4278706962 Background



This preview shows how black text looks on a background with the Android color 4278706962.



This preview shows how white text looks on a background with the Android color 4278706962.

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

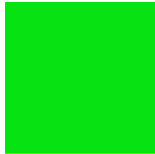


Original Color
4278706962

Protanopia
4292592128

Deuteranopia
4294228020

Trichromacy



Original Color

4278706962



Protanomaly

4287548935



Deuteranomaly

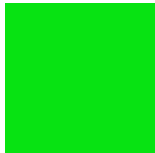
4288596008



Tritanomaly

4282374552

Monochromacy



Original Color

4278706962



Achromatopsia

4287203721



Achromatomaly

4284131934

CSS Examples

Text

The CSS property to change the color of the text to Android 4278706962 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(7, 227, 18)` looks like.

```
.text, #text, p{  
    color:rgb(7, 227, 18)  
}
```

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(7, 227, 18) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(7, 227, 18) }
```

Border

The CSS property to change the border of an element to Android 4278706962 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(7, 227, 18) }
```

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

```
.border{ border-color:rgb(7, 227, 18) }
```

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

Here you see how a box with a 4 pixel rgb(7, 227, 18) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(7, 227, 18); -webkit-box-  
shadow:4px 4px 4px 4px rgb(7, 227, 18);  
box-shadow:4px 4px 4px 4px rgb(7, 227, 18)  
}
```

Background

The CSS property to change the background color of an element to Android 4278706962 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(7, 227, 18) }
```

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

```
.background{ background-color: rgb(7, 227,  
18) }
```

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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