

Converting Colors

Android(4278580992)

Have a look what the booklet for
Android(4278580992) contains.

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Color

Android(4278580992)

Conversions

Conversions Part 1

Format	Color
Hex	05F700
RGB	5, 247, 0
RGB Percent	2%, 97%, 0%
CMY	0.9804, 0.0314, 1.0000
CMYK	0.98, 0.00, 1.00, 0.03
HSL	119°, 100%, 48%
HSV	119°, 100%, 97%
XYZ	33.3234, 66.5538, 11.0899
YIQ	146.4840, -64.9450, -128.1210

Conversions

Conversions Part 2

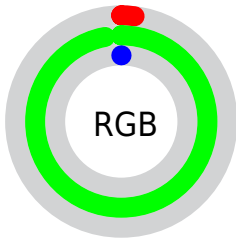
Format	Color
RYB	0, 247, 242
Decimal	390912
CIELab	85.28, -83.98, 81.22
CIELCh	85, 116.826, 135.958
Yxy	66.5538, 0.3003, 0.5998
Android (android.graphics.Color)	4278580992 (0xFF05F700)
YUV	146.4840, -72.2166, -124.0815
Hunter-Lab	81.5805, -69.8536, 49.0466

Details

The Android color `4278580992` is a dark color, and the websafe version is hex `33FF00`. The color can be described as dark saturated green. A complement of this color would be `4294050039`, and the grayscale version is `4287861651`.

A 20% lighter version of the original color is `4286054235`, and `4278238464` is the 20% darker color. If you saturate the color by 10%, you get `4278580992`, and if you desaturate by 10%, it is `4280153881`.

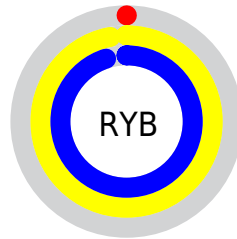
Distribution



Red (2%)

Green (97%)

Blue (0%)



Red (0%)

Yellow (97%)

Blue (95%)

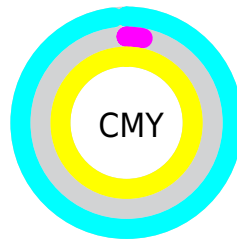


Cyan (98%)

Magenta (0%)

Yellow (100%)

Black (3%)



Cyan (98%)

Magenta (3%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the Android color 4278580992 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 4278580992 by changing the saturation by 10% instead.

 4278580992

 4278580992

4294967295

 4278245888

 4286054235

 4278238464

 4288348025

 4278231040

 4290510743

 4278224128

 4292673460

 4278217216

 4294770642

 4278210304

 4294967280


 4278203904

 4278196992

 4278190080

 4278580992

 4280153881

 4281726769


 4283365194

 4284938083

 4286510972

 4288083860

 4289656749

 4291295174

 4292868062

Harmonies

Analogous

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



4291486208



4278580992



4278255515

Triad

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



4278580992



4278252031



4294917536

Complementary

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



4278580992



4294050039

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.



4294921215



4278580992



4278243327

Square

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



4278580992



4278255615



4294940415



4294935601

Rectangle

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



4278580992



4278255593



4294940415



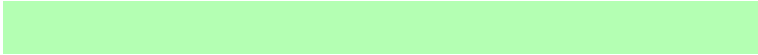
4294913988

Sweetspot

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



4278580992



4290052019



4294438656



4283662418



4278190080



4286611584

Same Dimension

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



4278580992



4278583040



4278253427



4285430382



4278499840



4278270720

Inverse Universe

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



4294050039



4294574335



4294377604



4286213754



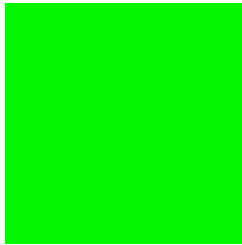
4290117818



4281925691

Previews

White Background



This preview shows how the Android color 4278580992 looks on a white background.

Color Contrast Check

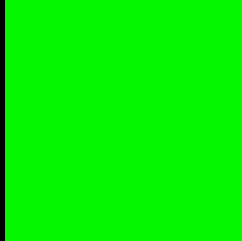
Large Text (above 18pt) WCAG AA × Fail

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 4278580992 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

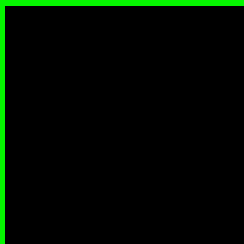
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

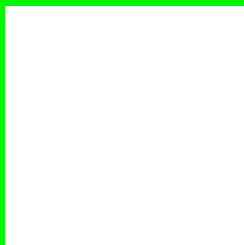
Any Text WCAG AAA ✓ Pass

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

Android 4278580992 Background



This preview shows how black text looks on a background with the Android color 4278580992.



This preview shows how white text looks on a background with the Android color 4278580992.

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](#).

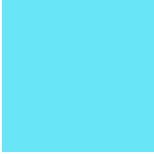
Dichromacy



Original Color
4278580992

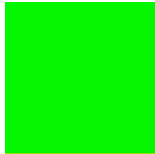
Protanopia
4293841664

Deuteranopia
4294953584



Tritanopia
4285064952

Trichromacy



Original Color

4278580992



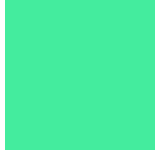
Protanomaly

4288274432



Deuteranomaly

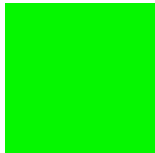
4288993863



Tritanomaly

4282707102

Monochromacy



Original Color

4278580992



Achromatopsia

4287795858



Achromatomaly

4284462941

CSS Examples

Text

The CSS property to change the color of the text to Android 4278580992 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(5, 247, 0)` looks like.

```
.text, #text, p{  
    color:rgb(5, 247, 0)  
}
```

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(5, 247, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(5, 247, 0) }
```

Border

The CSS property to change the border of an element to Android 4278580992 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(5, 247, 0) }
```

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

```
.border{ border-color:rgb(5, 247, 0) }
```

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

Here you see how a box with a 4 pixel `rgb(5, 247, 0)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(5, 247, 0); -webkit-box-shadow:4px  
4px 4px 4px rgb(5, 247, 0); box-shadow:4px  
4px 4px 4px rgb(5, 247, 0) }
```

Background

The CSS property to change the background color of an element to Android 4278580992 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(5, 247, 0) }
```

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

```
.background{ background-color: rgb(5, 247,  
0) }
```

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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