

Converting Colors

Android(4278255462)

Have a look what the booklet for
Android(4278255462) contains.

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Color

Android(4278255462)

Conversions

Conversions Part 1

Format	Color
Hex	00FF66
RGB	0, 255, 102
RGB Percent	0%, 100%, 40%
CMY	1.0000, 0.0000, 0.6000
CMYK	1.00, 0.00, 0.60, 0.00
HSL	144°, 100%, 50%
HSV	144°, 100%, 100%
XYZ	38.1583, 72.4793, 24.5491
YIQ	161.3130, -102.8670, -101.6430

Conversions

Conversions Part 2

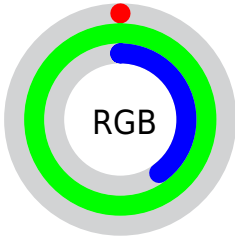
Format	Color
RYB	0, 182, 255
Decimal	65382
CIELab	88.20, -80.28, 57.93
CIELCh	88, 98.996, 144.188
Yxy	72.4793, 0.2823, 0.5361
Android (android.graphics.Color)	4278255462 (0xFF00FF66)
YUV	161.3130, -29.2413, -141.4715
Hunter-Lab	85.1348, -68.9804, 42.4977

Details

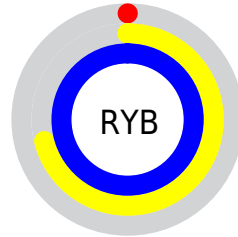
The Android color **4278255462** is a dark color, and the websafe version is hex **00FF66**. The color can be described as dark saturated spring green. A complement of this color would be **4294901913**, and the grayscale version is **4288848546**.

A 20% lighter version of the original color is **4285923229**, and **4278240302** is the 20% darker color. If you saturate the color by 10%, you get **4278255462**, and if you desaturate by 10%, it is **4279893877**.

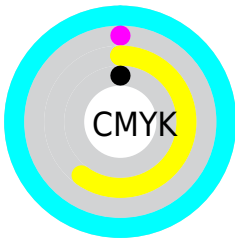
Distribution



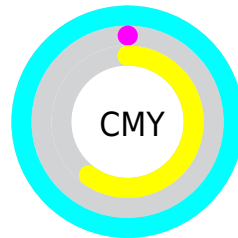
- Red (0%)
- Green (100%)
- Blue (40%)



- Red (0%)
- Yellow (71%)
- Blue (100%)



- Cyan (100%)
- Magenta (0%)
- Yellow (60%)
- Black (0%)



- Cyan (100%)
- Magenta (0%)
- Yellow (60%)

Brightness & Saturation Gradients

These gradients show how the Android color 4278255462 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 4278255462 by changing the saturation by 10% instead.

 4278255462

 4278255462

4294967295

 4278247755

 4285923229

 4278240302

 4288217017

 4278233094

 4290379734

 4278225920

 4292476915

 4278219008

 4294639615

 4278212096


 4278205952

 4278199040

 4278190080

 4278255462

 4279893877

 4281597829


 4283301780

 4284940195

 4286644147

 4288282562

 4289986513

 4291624928

 4293328880

Harmonies

Analogous

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



4290768640



4278255462



4278255559

Triad

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



4278255462



4278251263



4294934934

Complementary

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



4278255462



4294901913

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.



4294932724



4278255462



4289907967

Square

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



4278255462



4278255615



4294942463



4294945598

Rectangle

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



4278255462



4278255615



4294942463



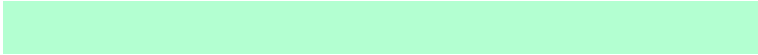
4294932661

Sweetspot

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



4278255462



4289986513



4288282368



4283596900



4278190080



4286611584

Same Dimension

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



4278255462



4278255589



4285759608



4278239053



4278206490

Inverse Universe

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



4294901913



4294901786



4286608250



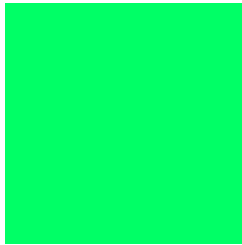
4290707571



4282384422

Previews

White Background



This preview shows how the Android color 4278255462 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 4278255462 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 4278255462 Background



This preview shows how black text looks on a background with the Android color 4278255462.

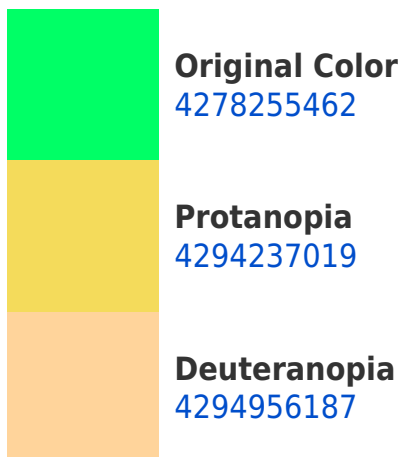


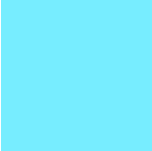
This preview shows how white text looks on a background with the Android color 4278255462.

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





Tritanopia
4286049791

Trichromacy



Original Color

4278255462



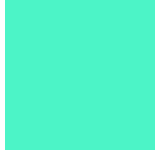
Protanomaly

4288407647



Deuteranomaly

4288865416



Tritanomaly

4283233479

Monochromacy



Original Color

4278255462



Achromatopsia

4288782753



Achromatomaly

4284924812

CSS Examples

Text

The CSS property to change the color of the text to Android 4278255462 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(0, 255, 102)` looks like.

```
.text, #text, p{  
    color:rgb(0, 255, 102)  
}
```

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(0, 255, 102) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 255, 102) }
```

Border

The CSS property to change the border of an element to Android 4278255462 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(0, 255, 102) }
```

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

```
.border{ border-color:rgb(0, 255, 102) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 255, 102)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 255, 102); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 255, 102);  
box-shadow:4px 4px 4px 4px rgb(0, 255,  
102) }
```

Background

The CSS property to change the background color of an element to Android 4278255462 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 255, 102) }
```

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

```
.background{ background-color: rgb(0, 255,  
102) }
```

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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