

Converting Colors

Android(4278386517)

Have a look what the booklet for
Android(4278386517) contains.

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Color

Android(4278386517)

Conversions

Conversions Part 1

Format	Color
Hex	02FF55
RGB	2, 255, 85
RGB Percent	1%, 100%, 33%
CMY	0.9922, 0.0000, 0.6667
CMYK	0.99, 0.00, 0.67, 0.00
HSL	140°, 100%, 50%
HSV	140°, 99%, 100%
XYZ	37.4247, 72.1888, 20.5557
YIQ	159.9730, -96.2180, -106.5060

Conversions

Conversions Part 2

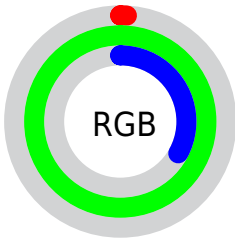
Format	Color
R_{YB}	2, 193, 255
Decimal	196437
CIE _{Lab}	88.06, -82.06, 64.68
CIE _{LCh}	88, 104.484, 141.754
Yxy	72.1888, 0.2875, 0.5546
Android (android.graphics.Color)	4278386517 (0xFF02FF55)
YUV	159.9730, -36.9617, -138.5423
Hunter-Lab	84.9640, -70.0617, 45.1305

Details

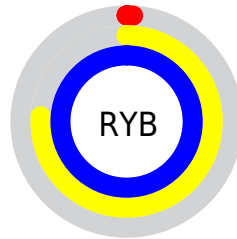
The Android color **4278386517** is a dark color, and the websafe version is hex **00FF66**. The color can be described as dark saturated green. A complement of this color would be **4294902444**, and the grayscale version is **4288716960**.

A 20% lighter version of the original color is **4285988749**, and **4278240274** is the 20% darker color. If you saturate the color by 10%, you get **4278255444**, and if you desaturate by 10%, it is **4280024934**.

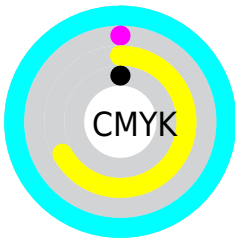
Distribution



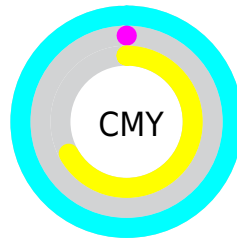
- Red (1%)
- Green (100%)
- Blue (33%)



- Red (1%)
- Yellow (76%)
- Blue (100%)



- Cyan (99%)
- Magenta (0%)
- Yellow (67%)
- Black (0%)



- Cyan (99%)
- Magenta (0%)
- Yellow (67%)

Brightness & Saturation Gradients

These gradients show how the Android color 4278386517 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 4278386517 by changing the saturation by 10% instead.

 4278386517

 4278386517

4294967295

 4278247735

 4285988749

 4278240274

 4288282538

 4278233088

 4290445254

 4278225920

 4292607972

 4278219008

 4294705151

 4278212096

 4278205952

 4278199040

 4278190080

■ 4278386517

■ 4278386517

■ 4278255444

■ 4280024934

■ 4281728887

■ 4283432840

■ 4285071258

■ 4286775211

■ 4288413628

■ 4290052045

■ 4291755998

■ 4293459951

Harmonies

Analogous

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



4291030272



4278386517



4278255549

Triad

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



4278386517



4278252031



4294931610

Complementary

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



4278386517



4294902444

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.



4294930173



4278386517



4288073727

Square

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



4278386517



4278255615



4294942207



4294943290

Rectangle

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



4278386517



4278255615



4294942207



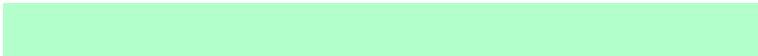
4294929082

Sweetspot

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



4278386517



4289986508



4289724162



4283596897



4278190080



4286611584

Same Dimension

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



4278386517



4278255444



4278386641



4285759607



4278239039



4278206485

Inverse Universe

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



4294902444



4294901931



4294902320



4286608251



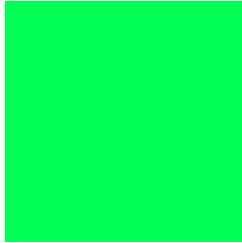
4290707585



4282384427

Previews

White Background



This preview shows how the Android color 4278386517 looks on a white background.

Color Contrast Check

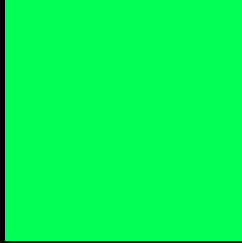
Large Text (above 18pt) WCAG AA × Fail

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 4278386517 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

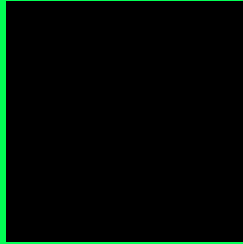
Any Text WCAG AA ✓ Pass

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 4278386517 Background



This preview shows how black text looks on a background with the Android color 4278386517.

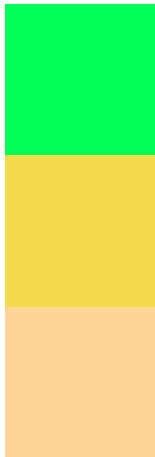


This preview shows how white text looks on a background with the Android color 4278386517.

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
4278386517

Protanopia
4294237003

Deuteranopia
4294956183



Tritanopia
4285918719

Trichromacy



Original Color

4278386517



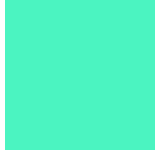
Protanomaly

4288473167



Deuteranomaly

4288930943



Tritanomaly

4283167937

Monochromacy



Original Color

4278386517



Achromatopsia

4288716960



Achromatomaly

4284990341

CSS Examples

Text

The CSS property to change the color of the text to Android 4278386517 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(2, 255, 85)` looks like.

```
.text, #text, p{  
    color:rgb(2, 255, 85)  
}
```

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(2, 255, 85) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(2, 255, 85) }
```

Border

The CSS property to change the border of an element to Android 4278386517 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(2, 255, 85) }
```

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

```
.border{ border-color:rgb(2, 255, 85) }
```

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

Here you see how a box with a 4 pixel `rgb(2, 255, 85)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(2, 255, 85); -webkit-box-  
shadow:4px 4px 4px 4px rgb(2, 255, 85);  
box-shadow:4px 4px 4px 4px rgb(2, 255, 85)  
}
```

Background

The CSS property to change the background color of an element to Android 4278386517 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(2, 255, 85) }
```

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

```
.background{ background-color: rgb(2, 255,  
85) }
```

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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