

Converting Colors

Android(4282646287)

Have a look what the booklet for
Android(4282646287) contains.

Android(4282646287)	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(4282646287)

Conversions

Conversions Part 1

Format	Color
Hex	43FF0F
RGB	67, 255, 15
RGB Percent	26%, 100%, 6%
CMY	0.7373, 0.0000, 0.9412
CMYK	0.74, 0.00, 0.94, 0.00
HSL	107°, 100%, 53%
HSV	107°, 94%, 100%
XYZ	38.1610, 72.7478, 12.4824
YIQ	171.4280, -35.0080, -114.4960

Conversions

Conversions Part 2

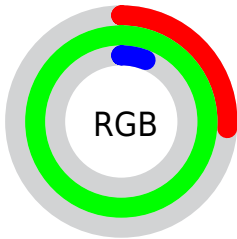
Format	Color
RYB	15, 255, 203
Decimal	4456207
CIELab	88.33, -80.82, 82.72
CIELCh	88, 115.649, 134.337
Yxy	72.7478, 0.3093, 0.5896
Android (android.graphics.Color)	4282646287 (0xFF43FF0F)
YUV	171.4280, -77.1190, -91.5834
Hunter-Lab	85.2923, -69.3982, 51.0276

Details

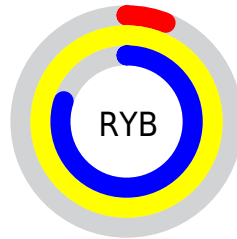
The Android color `4282646287` is a dark color, and the websafe version is hex `33FF00`. The color can be described as dark saturated green. A complement of this color would be `4291497983`, and the grayscale version is `4289506476`.

A 20% lighter version of the original color is `4287627104`, and `4278240512` is the 20% darker color. If you saturate the color by 10%, you get `4281859840`, and if you desaturate by 10%, it is `4283957033`.

Distribution



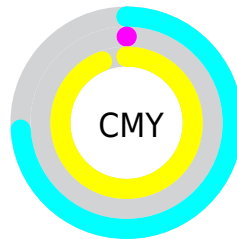
- Red (26%)
- Green (100%)
- Blue (6%)



- Red (6%)
- Yellow (100%)
- Blue (80%)



- Cyan (74%)
- Magenta (0%)
- Yellow (94%)
- Black (0%)



- Cyan (74%)
- Magenta (0%)
- Yellow (94%)

Brightness & Saturation Gradients

These gradients show how the Android color 4282646287 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 4282646287 by changing the saturation by 10% instead.



4282646287



4282646287

4294967295



4278247936



4287627104



4278240512



4289789822



4278233088



4291952540



4278225920



4294049722



4278219008



4294967256



4278212352



4294967286



4278205952



4278199296



4278190080

■ 4282646287

■ 4282646287

■ 4281859840

■ 4283957033

■ 4285267778

■ 4286578524

■ 4287889269

■ 4289200015

■ 4290510760

■ 4291821506

■ 4293132251

■ 4294442997

Harmonies

Analogous

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



4292536576



4282646287



4278255518

Triad

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



4282646287



4278254591



4294922158

Complementary

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



4282646287



4291497983

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.



4294926591



4282646287



4278246143

Square

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



4282646287



4278255615



4294943743



4294937411

Rectangle

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



4282646287



4278255595



4294943743



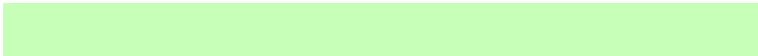
4294920403

Sweetspot

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



4282646287



4291297208



4294953743



4284383316



4278190080



4286611584

Same Dimension

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



4282646287



4281859840



4279238483



4285956211



4280925952



4279123968

Inverse Universe

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



4291497983



4291297535



4294905787



4286411648



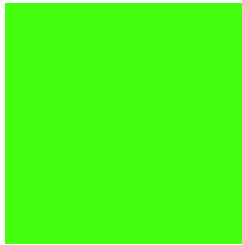
4288020671



4281466944

Previews

White Background



This preview shows how the Android color 4282646287 looks on a white background.

Color Contrast Check

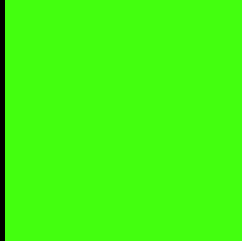
Large Text (above 18pt) WCAG AA × Fail

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 4282646287 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 4282646287 Background



This preview shows how black text looks on a background with the Android color 4282646287.

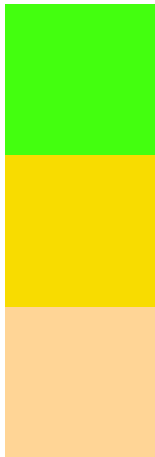


This preview shows how white text looks on a background with the Android color 4282646287.

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

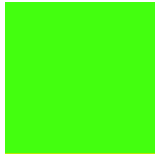


Original Color
4282646287

Protanopia
4294499328

Deuteranopia
4294956438

Trichromacy



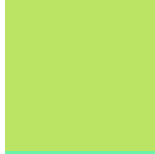
Original Color

4282646287



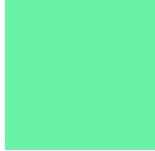
Protanomaly

4290177285



Deuteranomaly

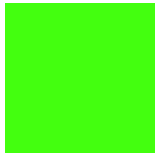
4290503781



Tritanomaly

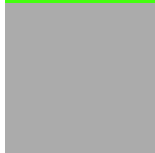
4285199272

Monochromacy



Original Color

4282646287



Achromatopsia

4289440683



Achromatomaly

4286958194

CSS Examples

Text

The CSS property to change the color of the text to Android 4282646287 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(67, 255, 15)` looks like.

```
.text, #text, p{  
    color:rgb(67, 255, 15)  
}
```

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(67, 255, 15) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(67, 255, 15) }
```

Border

The CSS property to change the border of an element to Android 4282646287 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(67, 255, 15) }
```

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

```
.border{ border-color:rgb(67, 255, 15) }
```

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

Here you see how a box with a 4 pixel `rgb(67, 255, 15)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(67, 255, 15); -webkit-box-  
shadow:4px 4px 4px 4px rgb(67, 255, 15);  
box-shadow:4px 4px 4px 4px rgb(67, 255,  
15) }
```

Background

The CSS property to change the background color of an element to Android 4282646287 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(67, 255, 15) }
```

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

```
.background{ background-color: rgb(67, 255,  
15) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor