

Converting Colors

Android(4287229964)

Have a look what the booklet for
Android(4287229964) contains.

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Color

Android(4287229964)

Conversions

Conversions Part 1

Format	Color
Hex	89F00C
RGB	137, 240, 12
RGB Percent	54%, 94%, 5%
CMY	0.4627, 0.0588, 0.9529
CMYK	0.43, 0.00, 0.95, 0.06
HSL	87°, 90%, 49%
HSV	87°, 95%, 94%
XYZ	41.5430, 67.6651, 11.2190
YIQ	183.2110, 11.8000, -92.7440

Conversions

Conversions Part 2

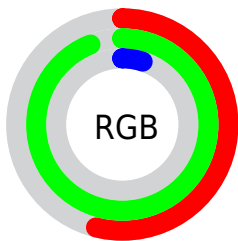
Format	Color
RYB	12, 240, 115
Decimal	9039884
CIELab	85.84, -59.51, 81.82
CIELCh	86, 101.173, 126.028
Yxy	67.6651, 0.3450, 0.5619
Android (android.graphics.Color)	4287229964 (0xFF89F00C)
YUV	183.2110, -84.4070, -40.5270
Hunter-Lab	82.2588, -53.8054, 49.4948

Details

The Android color **4287229964** is a dark color, and the websafe version is hex **99FF33**. The color can be described as dark saturated chartreuse. A complement of this color would be **4285730032**, and the grayscale version is **4290295992**.

A 20% lighter version of the original color is **4291231581**, and **4283021056** is the 20% darker color. If you saturate the color by 10%, you get **4286902272**, and if you desaturate by 10%, it is **4287950884**.

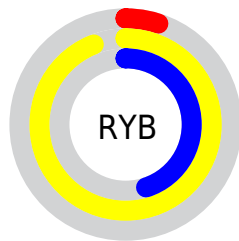
Distribution



Red (54%)

Green (94%)

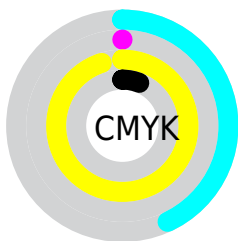
Blue (5%)



Red (5%)

Yellow (94%)

Blue (45%)

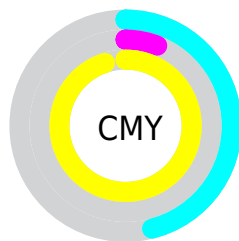


Cyan (43%)

Magenta (0%)

Yellow (95%)

Black (6%)



Cyan (46%)


















Magenta (6%)

Yellow (95%)

Brightness & Saturation Gradients

These gradients show how the Android color 4287229964 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 4287229964 by changing the saturation by 10% instead.

 4287229964	 4287229964
4294967295	 4285190912
 4291231581	 4283021056
 4293197691	 4280392704
 4294967193	 4278223104
 4294967222	 4278216448
 4294967252	 4278209792
 4294967282	 4278203904
	 4278197504
	 4278190080

■ 4287229964

■ 4287229964

■ 4286902272

■ 4287950884

■ 4288671804

■ 4289392724

■ 4290048108

■ 4290769028

■ 4291489948

■ 4292210868

■ 4292931788

■ 4293652708

Harmonies

Analogous

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



4293974272



4287229964



4278254724

Triad

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



4287229964



4278253055



4294928583

Complementary

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



4287229964



4285730032

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.



4294935039



4287229964



4278246655

Square

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



4287229964



4278255615



4293833727



4294936171

Rectangle

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



4287229964



4278255558



4293833727



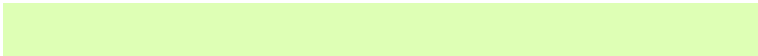
4294929128

Sweetspot

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



4287229964



4292804533



4293948172



4285235283



4278190080



4286611584

Same Dimension

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



4287229964



4287430400



4279758860



4285692012



4284856320



4280236032

Inverse Universe

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



4285730032



4285726975



4293201136



4285623416



4283629752



4279828536

Previews

White Background



This preview shows how the Android color 4287229964 looks on a white background.

Color Contrast Check

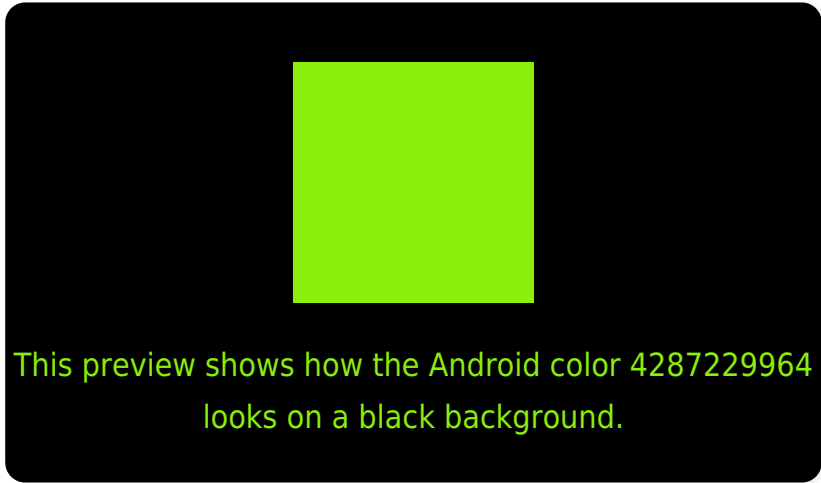
Large Text (above 18pt) WCAG AA × Fail

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

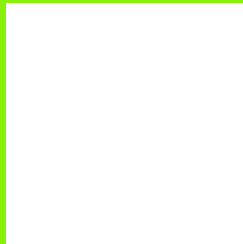
Any Text WCAG AAA ✓ Pass

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

Android 4287229964 Background



This preview shows how black text looks on a background with the Android color 4287229964.



This preview shows how white text looks on a background with the Android color 4287229964.

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

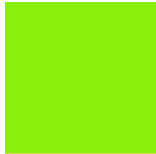


Original Color
4287229964

Deuteranopia
4294954363

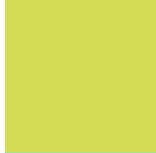
Tritanopia
4289060849

Trichromacy



Original Color

4287229964



Deuteranomaly

4292139603



Tritanomaly

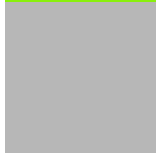
4288406942

Monochromacy



Original Color

4287229964



Achromatopsia

4290230199



Achromatomaly

4289121401

CSS Examples

Text

The CSS property to change the color of the text to Android 4287229964 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(137, 240, 12)` looks like.

```
.text, #text, p{  
    color:rgb(137, 240, 12)  
}
```

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(137, 240, 12) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(137, 240, 12) }
```

Border

The CSS property to change the border of an element to Android 4287229964 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(137, 240, 12) }
```

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

```
.border{ border-color:rgb(137, 240, 12) }
```

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

Here you see how a box with a 4 pixel `rgb(137, 240, 12)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(137, 240, 12); -webkit-box-  
shadow:4px 4px 4px 4px rgb(137, 240, 12);  
box-shadow:4px 4px 4px 4px rgb(137, 240,  
12) }
```

Background

The CSS property to change the background color of an element to Android 4287229964 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(137, 240, 12) }
```

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

```
.background{ background-color: rgb(137,  
240, 12) }
```

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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