

Converting Colors

Android(4284740096)

Have a look what the booklet for
Android(4284740096) contains.

Android(4284740096)	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(4284740096)

Conversions

Conversions Part 1

Format	Color
Hex	63F200
RGB	99, 242, 0
RGB Percent	39%, 95%, 0%
CMY	0.6118, 0.0510, 1.0000
CMYK	0.59, 0.00, 1.00, 0.05
HSL	95°, 100%, 47%
HSV	95°, 100%, 95%
XYZ	36.8977, 66.1569, 10.8249
YIQ	171.6550, -7.5460, -105.5780

Conversions

Conversions Part 2

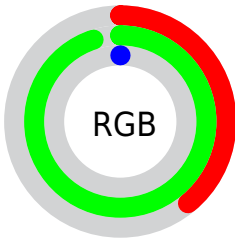
Format	Color
RYB	0, 242, 143
Decimal	6550016
CIELab	85.08, -70.93, 81.62
CIELCh	85, 108.131, 130.991
Yxy	66.1569, 0.3240, 0.5809
Android (android.graphics.Color)	4284740096 (0xFF63F200)
YUV	171.6550, -84.6259, -63.7184
Hunter-Lab	81.3369, -61.3647, 49.0451

Details

The Android color `4284740096` is a dark color, and the websafe version is hex `66FF00`. The color can be described as dark saturated chartreuse. A complement of this color would be `4287561970`, and the grayscale version is `4289506476`.

A 20% lighter version of the original color is `4289003354`, and `4278237440` is the 20% darker color. If you saturate the color by 10%, you get `4284740096`, and if you desaturate by 10%, it is `4285657624`.

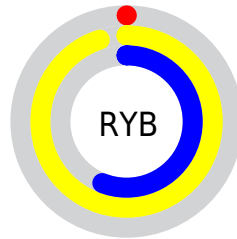
Distribution



Red (39%)

Green (95%)

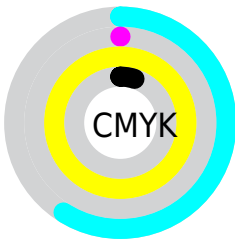
Blue (0%)



Red (0%)

Yellow (95%)

Blue (56%)

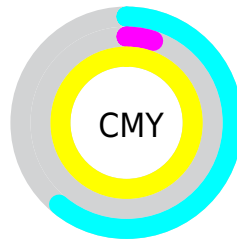


Cyan (59%)

Magenta (0%)

Yellow (100%)

Black (5%)



Cyan (61%)


Magenta (5%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the Android color 4284740096 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 4284740096 by changing the saturation by 10% instead.

 4284740096	 4284740096
4294967295	 4282242304
 4289003354	 4278237440
 4291100537	 4278230272
 4293132182	 4278223360
 4294967220	 4278216448
 4294967250	 4278209792
 4294967280	 4278203648
	 4278196736
	 4278190080

 4284740096

 4285657624


 4286640688

 4287558217

 4288475745

 4289458809

 4290376337

 4291293865

 4292211394

 4293194458

Harmonies

Analogous

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



4292729856



4284740096



4278254989

Triad

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



4284740096



4278252287



4294923444

Complementary

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



4284740096



4287561970

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.



4294929407



4284740096



4278244863

Square

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



4284740096



4278255615



4294944255



4294935377

Rectangle

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



4284740096



4278255573



4294944255



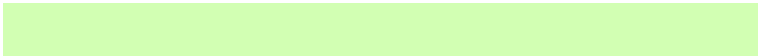
4294922966

Sweetspot

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



4284740096



4292018099



4294085888



4284776530



4278190080



4286611584

Same Dimension

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



4284740096



4285071104



4278252052



4285626476



4283152384



4279711744

Inverse Universe

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



4287561970



4288086271



4294050014



4285754488



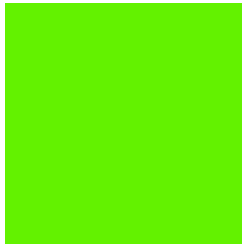
4285268152



4280352824

Previews

White Background



This preview shows how the Android color 4284740096 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 4284740096 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

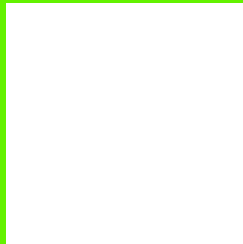
Any Text WCAG AAA ✓ Pass

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

Android 4284740096 Background



This preview shows how black text looks on a background with the Android color 4284740096.



This preview shows how white text looks on a background with the Android color 4284740096.

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

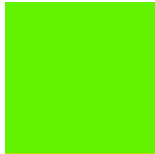


Original Color
4284740096

Protanopia
4293841664

Deuteranopia
4294953582

Trichromacy



Original Color

4284740096



Protanomaly

4290502144



Deuteranomaly

4291221830



Tritanomaly

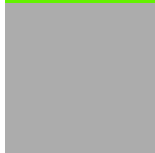
4286375835

Monochromacy



Original Color

4284740096



Achromatopsia

4289506476



Achromatomaly

4287743341

CSS Examples

Text

The CSS property to change the color of the text to Android 4284740096 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(99, 242, 0)` looks like.

```
.text, #text, p{  
    color:rgb(99, 242, 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(99, 242, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(99, 242, 0) }
```

Border

The CSS property to change the border of an element to Android 4284740096 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(99, 242, 0) }
```

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

```
.border{ border-color:rgb(99, 242, 0) }
```

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

Here you see how a box with a 4 pixel `rgb(99, 242, 0)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(99, 242, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(99, 242, 0);  
box-shadow:4px 4px 4px 4px rgb(99, 242, 0)  
}
```

Background

The CSS property to change the background color of an element to Android 4284740096 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(99, 242, 0) }
```

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

```
.background{ background-color: rgb(99, 242,  
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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