

Converting Colors

Android(4284404736)

Have a look what the booklet for
Android(4284404736) contains.

Android(4284404736)	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(4284404736)

Conversions

Conversions Part 1

Format	Color
Hex	5ED400
RGB	94, 212, 0
RGB Percent	37%, 83%, 0%
CMY	0.6314, 0.1686, 1.0000
CMYK	0.56, 0.00, 1.00, 0.17
HSL	93°, 100%, 42%
HSV	93°, 100%, 83%
XYZ	28.1596, 49.4667, 8.0639
YIQ	152.5500, -2.2760, -90.9480

Conversions

Conversions Part 2

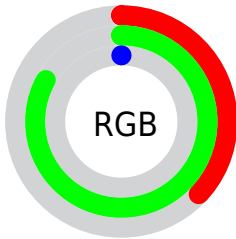
Format	Color
RYB	0, 212, 118
Decimal	6214656
CIELab	75.74, -62.11, 74.18
CIELCh	76, 96.752, 129.938
Yxy	49.4667, 0.3286, 0.5773
Android (android.graphics.Color)	4284404736 (0xFF5ED400)
YUV	152.5500, -75.2071, -51.3483
Hunter-Lab	70.3325, -51.6145, 42.4350

Details

The Android color **4284404736** is a dark color, and the websafe version is hex **66CC00**. The color can be described as dark washed green. A complement of this color would be **4285923540**, and the grayscale version is **4288256409**.

A 20% lighter version of the original color is **4288479060**, and **4278230016** is the 20% darker color. If you saturate the color by 10%, you get **4284404736**, and if you desaturate by 10%, it is **4285191189**.

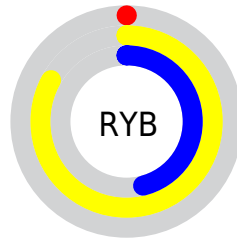
Distribution



Red (37%)

Green (83%)

Blue (0%)



Red (0%)

Yellow (83%)

Blue (46%)

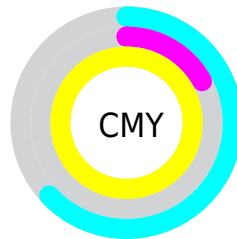


Cyan (56%)

Magenta (0%)

Yellow (100%)

Black (17%)



Cyan (63%)

Magenta (17%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the Android color 4284404736 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 4284404736 by changing the saturation by 10% instead.

 4284404736

 4284404736

4294967295

 4282103808

 4288479060

 4278230016

 4290445169

 4278223104

 4292476814

 4278216448

 4294508459

 4278210048

 4294967240

 4278203904

 4294967270

 4278197248

 4278190080

 4284404736

 4285191189

 4285977642

 4286698560

 4287485013

 4288271466

 4289057919

 4289844372

 4290565290

 4291351743

Harmonies

Analogous

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



4291149824



4284404736



4278247033

Triad

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



4284404736



4278244863



4294921377

Complementary

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



4284404736



4285923540

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.



4294926842



4284404736



4278238463

Square

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



4284404736



4278247679



4292908031



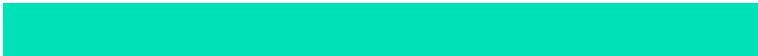
4294931275

Rectangle

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



4284404736



4278247864



4292908031



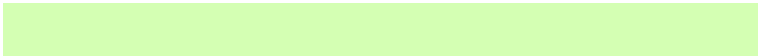
4294921407

Sweetspot

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



4284404736



4292149171



4292113664



4284907602



4278190080



4286611584

Same Dimension

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



4284404736



4285660928



4278244363



4284836704



4283214592



4279446272

Inverse Universe

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



4285923540



4287496447



4292083913



4284899435



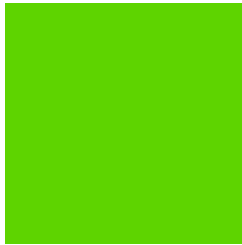
4284416171



4279762987

Previews

White Background



This preview shows how the Android color 4284404736 looks on a white background.

Color Contrast Check

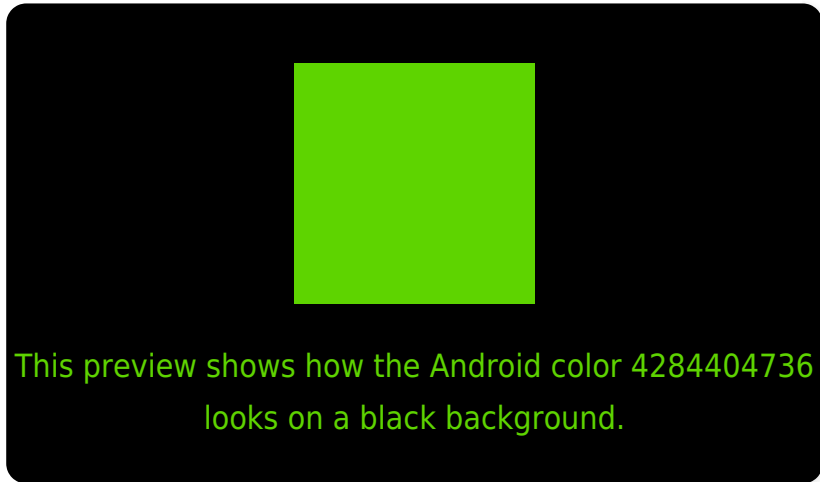
Large Text (above 18pt) WCAG AA × Fail

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 4284404736 Background



This preview shows how black text looks on a background with the Android color 4284404736.



This preview shows how white text looks on a background with the Android color 4284404736.

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](#).

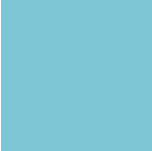
Dichromacy



Original Color
4284404736

Protanopia
4291934720

Deuteranopia
4293505068



Tritanopia
4286498261

Trichromacy



Original Color

4284404736



Protanomaly

4289184512



Deuteranomaly

4290166044



Tritanomaly

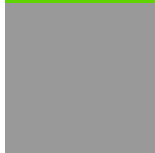
4285713032

Monochromacy



Original Color

4284404736



Achromatopsia

4288256409



Achromatomaly

4286885473

CSS Examples

Text

The CSS property to change the color of the text to Android 4284404736 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(94, 212, 0)` looks like.

```
.text, #text, p{  
    color:rgb(94, 212, 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(94, 212, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(94, 212, 0) }
```

Border

The CSS property to change the border of an element to Android 4284404736 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(94, 212, 0) }
```

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

```
.border{ border-color:rgb(94, 212, 0) }
```

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

Here you see how a box with a 4 pixel `rgb(94, 212, 0)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(94, 212, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(94, 212, 0);  
box-shadow:4px 4px 4px 4px rgb(94, 212, 0)  
}
```

Background

The CSS property to change the background color of an element to Android 4284404736 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(94, 212, 0) }
```

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

```
.background{ background-color: rgb(94, 212,  
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](#).

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