

Converting Colors

Android(4284670720)

Have a look what the booklet for
Android(4284670720) contains.

Android(4284670720)	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(4284670720)

Conversions

Conversions Part 1

Format	Color
Hex	62E300
RGB	98, 227, 0
RGB Percent	38%, 89%, 0%
CMY	0.6157, 0.1098, 1.0000
CMYK	0.57, 0.00, 1.00, 0.11
HSL	94°, 100%, 45%
HSV	94°, 100%, 89%
XYZ	32.5061, 57.5348, 9.3921
YIQ	162.5510, -4.0170, -97.9450

Conversions

Conversions Part 2

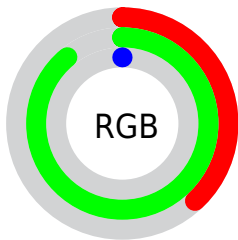
Format	Color
RYB	0, 227, 129
Decimal	6480640
CIELab	80.48, -66.20, 77.98
CIELCh	80, 102.287, 130.331
Yxy	57.5348, 0.3269, 0.5786
Android (android.graphics.Color)	4284670720 (0xFF62E300)
YUV	162.5510, -80.1376, -56.6112
Hunter-Lab	75.8517, -56.2447, 45.7548

Details

The Android color `4284670720` is a dark color, and the websafe version is hex `66FF33`. The color can be described as dark washed chartreuse. A complement of this color would be `4286644451`, and the grayscale version is `4288914339`.

A 20% lighter version of the original color is `4288806743`, and `4278233600` is the 20% darker color. If you saturate the color by 10%, you get `4284670720`, and if you desaturate by 10%, it is `4285522711`.

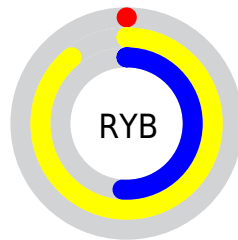
Distribution



Red (38%)

Green (89%)

Blue (0%)



Red (0%)

Yellow (89%)

Blue (51%)

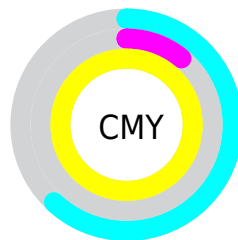


Cyan (57%)

Magenta (0%)

Yellow (100%)

Black (11%)



Cyan (62%)


















Magenta (11%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the Android color 4284670720 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 4284670720 by changing the saturation by 10% instead.

 4284670720	 4284670720
4294967295	 4282304000
 4288806743	 4278233600
 4290838389	 4278226688
 4292870034	 4278219776
 4294901679	 4278213120
 4294967245	 4278206720
 4294967275	 4278200576
	 4278190848
	 4278190080

 4284670720

 4285522711

 4286374701

 4287226692

 4288078683

 4288930674

 4289717128

 4290569119

 4291421110

 4292273100

Harmonies

Analogous

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



4292005376



4284670720



4278251139

Triad

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



4284670720



4278248703



4294922667

Complementary

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



4284670720



4286644451

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.



4294928383



4284670720



4278241791

Square

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



4284670720



4278251519



4294090239



4294933327

Rectangle

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



4284670720



4278251974



4294090239



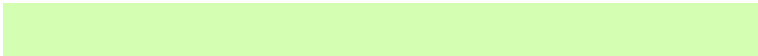
4294922443

Sweetspot

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



4284670720



4292149171



4293099776



4284842066



4278190080



4286611584

Same Dimension

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



4284670720



4285464320



4278248207



4285297511



4283282176



4279644928

Inverse Universe

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



4286644451



4287693055



4293066964



4285425523



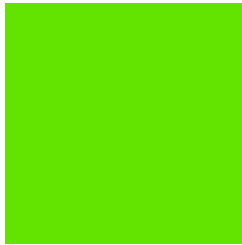
4284809395



4280090675

Previews

White Background



This preview shows how the Android color 4284670720 looks on a white background.

Color Contrast Check

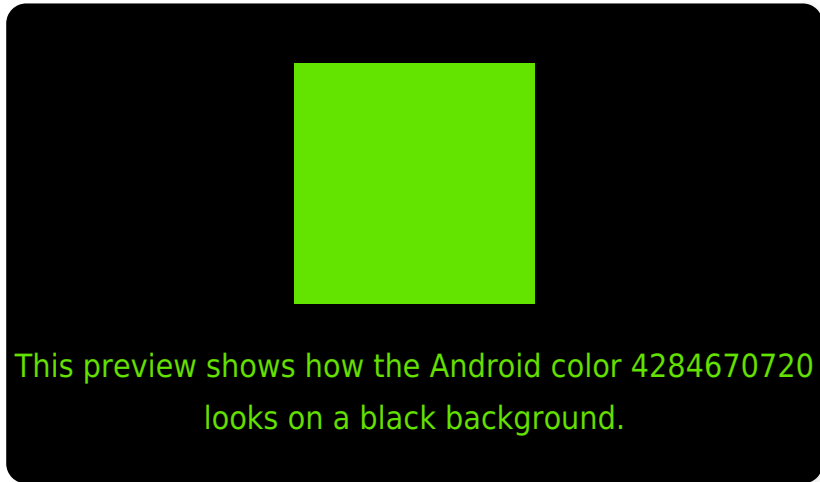
Large Text (above 18pt) WCAG AA × Fail

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

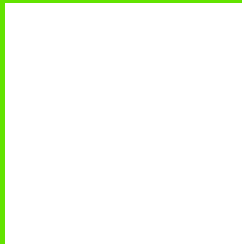
Any Text WCAG AAA ✓ Pass

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

Android 4284670720 Background



This preview shows how black text looks on a background with the Android color 4284670720.



This preview shows how white text looks on a background with the Android color 4284670720.

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](#).

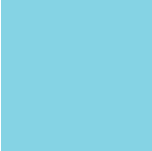
Dichromacy



Original Color
4284670720

Protanopia
4292921088

Deuteranopia
4294556719



Tritanopia
4286960612

Trichromacy



Original Color
4284670720



Protanomaly
4289908992



Deuteranomaly
4290955806



Tritanomaly
4286110097

Monochromacy



Original Color
4284670720



Achromatopsia
4288914339



Achromatomaly
4287347304

CSS Examples

Text

The CSS property to change the color of the text to Android 4284670720 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(98, 227, 0)` looks like.

```
.text, #text, p{  
    color:rgb(98, 227, 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(98, 227, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(98, 227, 0) }
```

Border

The CSS property to change the border of an element to Android 4284670720 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(98, 227, 0) }
```

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

```
.border{ border-color:rgb(98, 227, 0) }
```

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

Here you see how a box with a 4 pixel rgb(98, 227, 0) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(98, 227, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(98, 227, 0);  
box-shadow:4px 4px 4px 4px rgb(98, 227, 0)  
}
```

Background

The CSS property to change the background color of an element to Android 4284670720 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(98, 227, 0) }
```

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

```
.background{ background-color: rgb(98, 227,  
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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