

Converting Colors

Android(4284337152)

Have a look what the booklet for
Android(4284337152) contains.

Android(4284337152)	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(4284337152)

Conversions

Conversions Part 1

Format	Color
Hex	5DCC00
RGB	93, 204, 0
RGB Percent	36%, 80%, 0%
CMY	0.6353, 0.2000, 1.0000
CMYK	0.54, 0.00, 1.00, 0.20
HSL	93°, 100%, 40%
HSV	93°, 100%, 80%
XYZ	26.1071, 45.5129, 7.4089
YIQ	147.5550, -0.6720, -86.9760

Conversions

Conversions Part 2

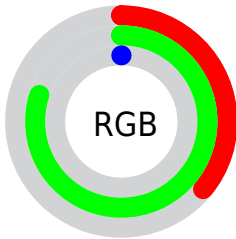
Format	Color
RYB	0, 204, 111
Decimal	6147072
CIELab	73.23, -59.59, 72.19
CIELCh	73, 93.605, 129.536
Yxy	45.5129, 0.3303, 0.5759
Android (android.graphics.Color)	4284337152 (0xFF5DCC00)
YUV	147.5550, -72.7446, -47.8447
Hunter-Lab	67.4632, -48.9844, 40.7130

Details

The Android color `4284337152` 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 `4285464780`, and the grayscale version is `4287927444`.

A 20% lighter version of the original color is `4288347986`, and `4278621440` is the 20% darker color. If you saturate the color by 10%, you get `4284337152`, and if you desaturate by 10%, it is `4285058068`.

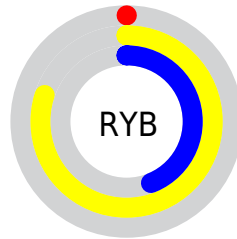
Distribution



Red (36%)

Green (80%)

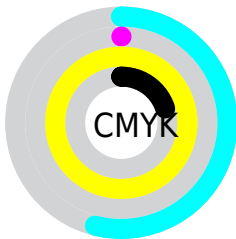
Blue (0%)



Red (0%)

Yellow (80%)

Blue (44%)

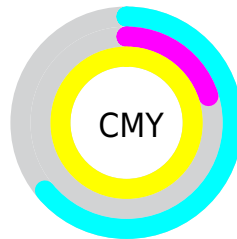


Cyan (54%)

Magenta (0%)

Yellow (100%)

Black (20%)



Cyan (64%)

Magenta (20%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the Android color 4284337152 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 4284337152 by changing the saturation by 10% instead.

 4284337152

 4284337152

4294967295

 4282101760

 4288347986

 4278621440

 4290314095

 4278221312

 4292280204

 4278214656

 4294311849

 4278208256

 4294967238

 4278202368

 4294967267

 4278194944

 4278190080

 4284337152

 4285058068

 4285778985

 4286499901

 4287220818

 4287941734

 4288728186

 4289449103

 4290170019

 4290890936

Harmonies

Analogous

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



4290754816



4284337152



4278244980

Triad

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



4284337152



4278242815



4294921116

Complementary

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



4284337152



4285464780

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.



4294926322



4284337152



4278236927

Square

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



4284337152



4278245631



4292317183



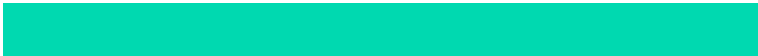
4294929994

Rectangle

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



4284337152



4278245808



4292317183



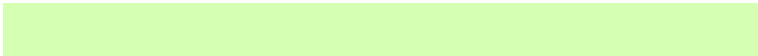
4294920889

Sweetspot

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



4284337152



4292214707



4291587328



4284973138



4278190080



4286611584

Same Dimension

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



4284337152



4285857536



4278242311



4284507740



4283213312



4279313920

Inverse Universe

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



4285464780



4287299839



4291559621



4284570726



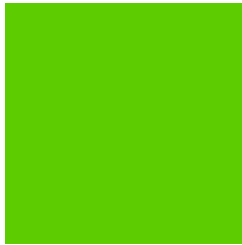
4284088486



4279566374

Previews

White Background



This preview shows how the Android color 4284337152 looks on a white background.

Color Contrast Check

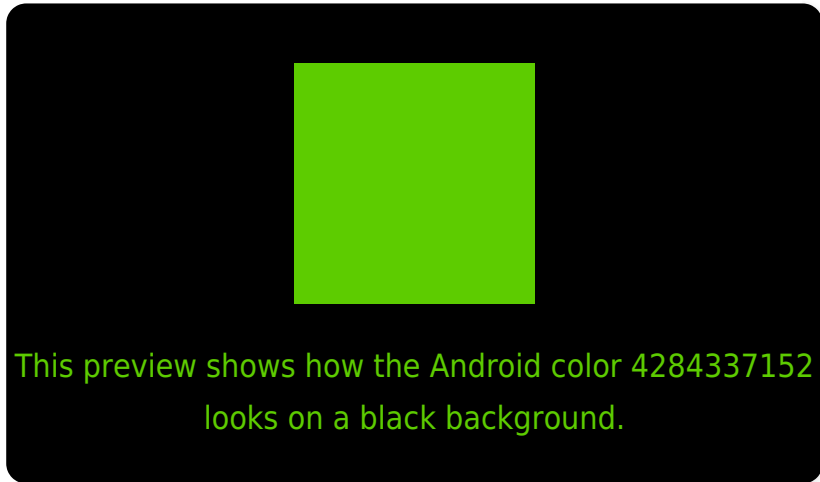
Large Text (above 18pt) WCAG AA × Fail

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 4284337152 Background



This preview shows how black text looks on a background with the Android color 4284337152.



This preview shows how white text looks on a background with the Android color 4284337152.

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
4284337152

Protanopia
4291408640

Deuteranopia
4292978986

Trichromacy



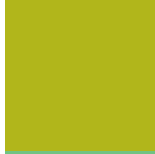
Original Color

4284337152



Protanomaly

4288855040



Deuteranomaly

4289836571



Tritanomaly

4285580162

Monochromacy



Original Color

4284337152



Achromatopsia

4287927444



Achromatomaly

4286621790

CSS Examples

Text

The CSS property to change the color of the text to Android 4284337152 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(93, 204, 0)` looks like.

```
.text, #text, p{  
    color:rgb(93, 204, 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(93, 204, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(93, 204, 0) }
```

Border

The CSS property to change the border of an element to Android 4284337152 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(93, 204, 0) }
```

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

```
.border{ border-color:rgb(93, 204, 0) }
```

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

Here you see how a box with a 4 pixel rgb(93, 204, 0) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(93, 204, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(93, 204, 0);  
box-shadow:4px 4px 4px 4px rgb(93, 204, 0)  
}
```

Background

The CSS property to change the background color of an element to Android 4284337152 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(93, 204, 0) }
```

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

```
.background{ background-color: rgb(93, 204,  
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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