

Converting Colors

Android(4285573168)

Have a look what the booklet for
Android(4285573168) contains.

Android(4285573168)	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(4285573168)

Conversions

Conversions Part 1

Format	Color
Hex	70A830
RGB	112, 168, 48
RGB Percent	44%, 66%, 19%
CMY	0.5608, 0.3412, 0.8118
CMYK	0.33, 0.00, 0.71, 0.34
HSL	88°, 56%, 42%
HSV	88°, 71%, 66%
XYZ	21.2182, 31.6634, 7.7896
YIQ	137.5760, 5.1440, -49.1920

Conversions

Conversions Part 2

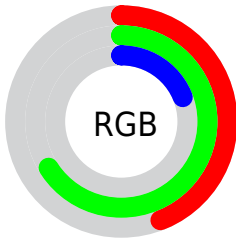
Format	Color
RYB	48, 168, 104
Decimal	7383088
CIELab	63.06, -37.48, 53.29
CIELCh	63, 65.149, 125.117
Yxy	31.6634, 0.3497, 0.5219
Android (android.graphics.Color)	4285573168 (0xFF70A830)
YUV	137.5760, -44.1610, -22.4302
Hunter-Lab	56.2702, -31.1647, 31.1815

Details

The Android color `4285573168` is a dark color, and the websafe version is hex `669900`. A complement of this color would be `4285018280`, and the grayscale version is `4287269514`.

A 20% lighter version of the original color is `4289192037`, and `4281955072` is the 20% darker color. If you saturate the color by 10%, you get `4285048863`, and if you desaturate by 10%, it is `4286097473`.

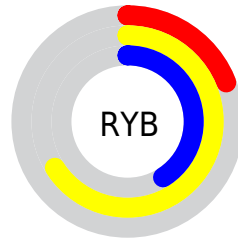
Distribution



Red (44%)

Green (66%)

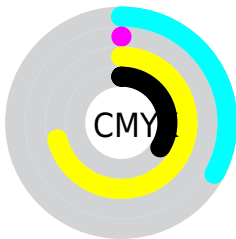
Blue (19%)



Red (19%)

Yellow (66%)

Blue (41%)

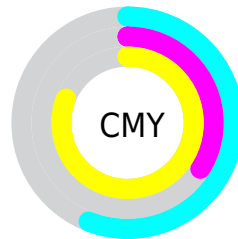


Cyan (33%)

Magenta (0%)

Yellow (71%)

Black (34%)



Cyan (56%)

Magenta (34%)

Yellow (81%)

Brightness & Saturation Gradients

These gradients show how the Android color 4285573168 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 4285573168 by changing the saturation by 10% instead.



4285573168



4285573168

4294967295



4283796752



4289192037



4281955072



4291099776



4280113664



4293001116



4278206976



4294901687



4278201344



4294967252



4278194944



4294967281



4278190080



4285573168



4285573168



4285048863



4286097473

■ 4284524558

■ 4286621778

■ 4284131328

■ 4287146082

■ 4287604851

■ 4288129156

■ 4288653461

■ 4289177766

■ 4289702070

■ 4290226375

Harmonies

Analogous

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



4289501452



4285573168



4278235237

Triad

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



4285573168



4278234111



4294926225

Complementary

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



4285573168



4285018280

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.



4293290955



4285573168



4278230271

Square

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



4285573168



4278236122



4289168888



4294601817

Rectangle

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



4285573168



4278236045



4289168888



4294664357

Sweetspot

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



4285573168



4291222445



4289226800



4284575314



4293783021



4285427310

Same Dimension

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



4285573168



4286831391



4281641008



4283454540



4283405312



4278916096

Inverse Universe

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



4285018280



4285997019



4288950440



4283452500



4282712212



4278845460

Previews

White Background



This preview shows how the Android color 4285573168 looks on a white background.

Color Contrast Check

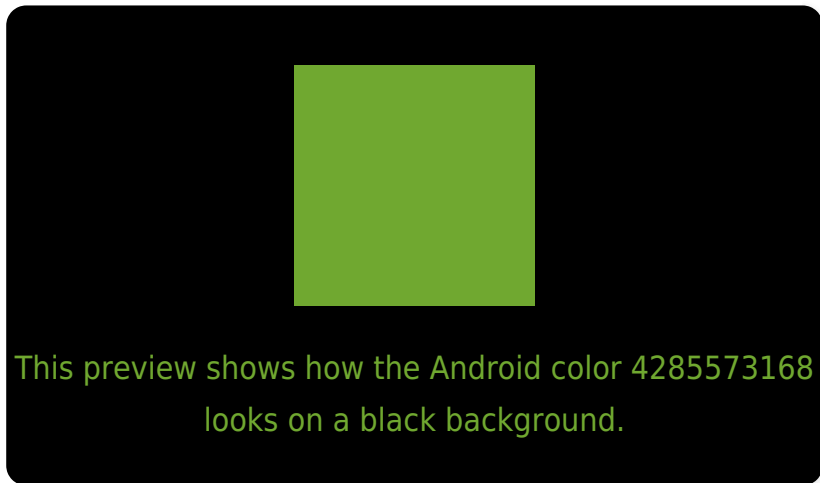
Large Text (above 18pt) WCAG AA × Fail

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 4285573168 Background



This preview shows how black text looks on a background with the Android color 4285573168.



This preview shows how white text looks on a background with the Android color 4285573168.

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
4285573168

Protanopia
4289370156

Deuteranopia
4290613305



Tritanopia
4286619049

Trichromacy



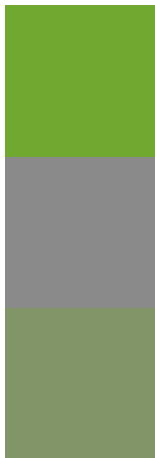
Original Color
4285573168

Protanomaly
4287995437

Deuteranomaly
4288780598

Tritanomaly
4286226813

Monochromacy



Original Color
4285573168

Achromatopsia
4287269514

Achromatomaly
4286682473

CSS Examples

Text

The CSS property to change the color of the text to Android 4285573168 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(112, 168, 48)` looks like.

```
.text, #text, p{  
    color:rgb(112, 168, 48)  
}
```

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(112, 168, 48) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(112, 168, 48) }
```

Border

The CSS property to change the border of an element to Android 4285573168 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(112, 168, 48) }
```

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

```
.border{ border-color:rgb(112, 168, 48) }
```

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

Here you see how a box with a 4 pixel `rgb(112, 168, 48)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(112, 168, 48); -webkit-box-  
shadow:4px 4px 4px 4px rgb(112, 168, 48);  
box-shadow:4px 4px 4px 4px rgb(112, 168,  
48) }
```

Background

The CSS property to change the background color of an element to Android 4285573168 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(112, 168, 48) }
```

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

```
.background{ background-color: rgb(112,  
168, 48) }
```

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