

Converting Colors

Android(4285061958)

Have a look what the booklet for
Android(4285061958) contains.

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Color

Android(4285061958)

Conversions

Conversions Part 1

Format	Color
Hex	68DB46
RGB	104, 219, 70
RGB Percent	41%, 86%, 27%
CMY	0.5922, 0.1412, 0.7255
CMYK	0.53, 0.00, 0.68, 0.14
HSL	106°, 67%, 57%
HSV	106°, 68%, 86%
XYZ	32.1459, 54.0483, 14.5324
YIQ	167.6290, -20.7110, -70.7190

Conversions

Conversions Part 2

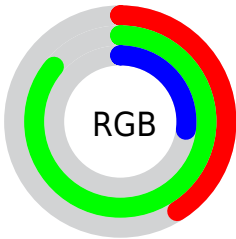
Format	Color
RYB	70, 219, 185
Decimal	6871878
CIELab	78.49, -58.92, 60.70
CIELCh	78, 84.597, 134.146
Yxy	54.0483, 0.3191, 0.5366
Android (android.graphics.Color)	4285061958 (0xFF68DB46)
YUV	167.6290, -48.1311, -55.8026
Hunter-Lab	73.5175, -50.6056, 39.7422

Details

The Android color **4285061958** is a dark color, and the websafe version is hex **66CC33**. The color can be described as dark muted chartreuse. A complement of this color would be **4290332379**, and the grayscale version is **4289243304**.

A 20% lighter version of the original color is **4289003389**, and **4280460032** is the 20% darker color. If you saturate the color by 10%, you get **4283947824**, and if you desaturate by 10%, it is **4286176092**.

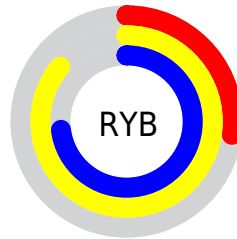
Distribution



Red (41%)

Green (86%)

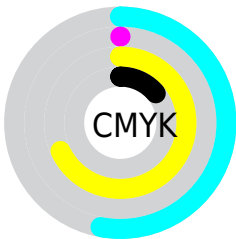
Blue (27%)



Red (27%)

Yellow (86%)

Blue (73%)

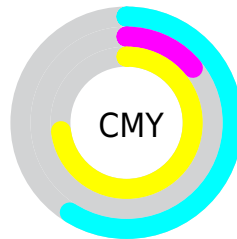


Cyan (53%)

Magenta (0%)

Yellow (68%)

Black (14%)



Cyan (59%)

Magenta (14%)

Yellow (73%)

Brightness & Saturation Gradients

These gradients show how the Android color 4285061958 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 4285061958 by changing the saturation by 10% instead.

 4285061958

 4285061958

4294967295

 4282957608

 4289003389

 4280460032

 4290969497

 4278224896

 4292935605

 4278218240

 4294901714

 4278211584

 4294967279

 4278205184

 4278199296

 4278190080

 4285061958


 4285061958

 4283947824


 4286176092

 4282833690

 4287290226

 4281719556

 4288404360

 4281522944

 4289518494

 4290632628

 4291681225

 4292795359

 4293909493

 4294958079

Harmonies

Analogous

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



4291152384



4285061958



4278248596

Triad

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



4285061958



4278245375



4294931104

Complementary

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



4285061958



4290332379

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.



4294932975



4285061958



4284137471

Square

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



4285061958



4278248447



4294221055



4294937943

Rectangle

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



4285061958



4278249163



4294221055



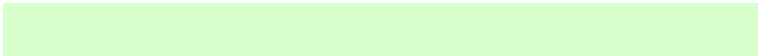
4294930363

Sweetspot

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



4285061958



4292411340



4292589638



4285038689



4278190080



4286611584

Same Dimension

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



4285061958



4284415790



4282833774



4284837475



4280855808



4278857216

Inverse Universe

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



4290332379



4291768063



4292560563



4285227886



4286972077



4280483886

Previews

White Background



This preview shows how the Android color 4285061958 looks on a white background.

Color Contrast Check

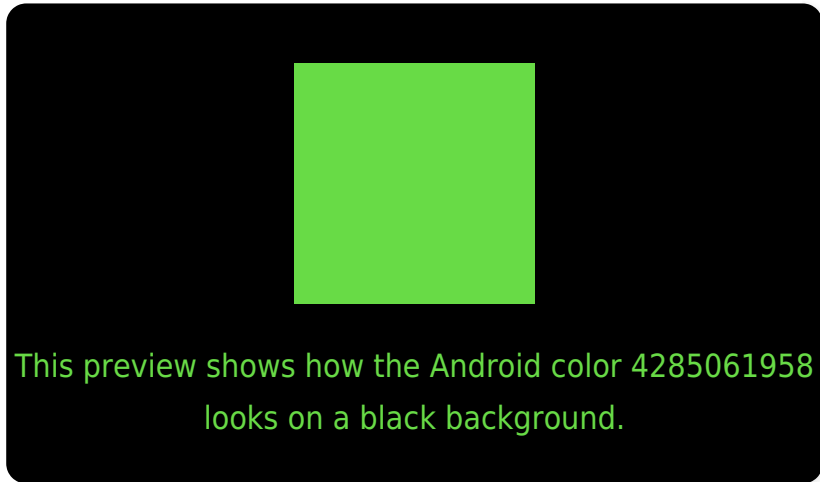
Large Text (above 18pt) WCAG AA × Fail

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

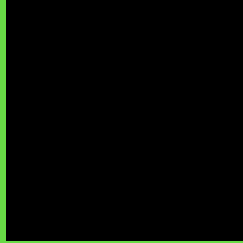
Any Text WCAG AA ✓ Pass

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 4285061958 Background



This preview shows how black text looks on a background with the Android color 4285061958.



This preview shows how white text looks on a background with the Android color 4285061958.

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



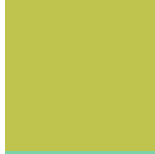
Trichromacy



Original Color
4285061958



Protanomaly
4289710658



Deuteranomaly
4290692174

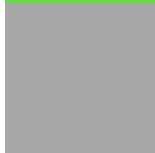


Tritanomaly
4286239398

Monochromacy



Original Color
4285061958



Achromatopsia
4289243304



Achromatomaly
4287740804

CSS Examples

Text

The CSS property to change the color of the text to Android 4285061958 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(104, 219, 70)` looks like.

```
.text, #text, p{  
    color:rgb(104, 219, 70)  
}
```

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(104, 219, 70) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(104, 219, 70) }
```

Border

The CSS property to change the border of an element to Android 4285061958 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(104, 219, 70) }
```

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

```
.border{ border-color:rgb(104, 219, 70) }
```

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

Here you see how a box with a 4 pixel `rgb(104, 219, 70)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(104, 219, 70); -webkit-box-  
shadow:4px 4px 4px 4px rgb(104, 219, 70);  
box-shadow:4px 4px 4px 4px rgb(104, 219,  
70) }
```

Background

The CSS property to change the background color of an element to Android 4285061958 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(104, 219, 70) }
```

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

```
.background{ background-color: rgb(104,  
219, 70) }
```

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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