

Converting Colors

Android(4284461069)

Have a look what the booklet for
Android(4284461069) contains.

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Color

Android(4284461069)

Conversions

Conversions Part 1

Format	Color
Hex	5FB00D
RGB	95, 176, 13
RGB Percent	37%, 69%, 5%
CMY	0.6275, 0.3098, 0.9490
CMYK	0.46, 0.00, 0.93, 0.31
HSL	90°, 86%, 37%
HSV	90°, 93%, 69%
XYZ	20.3173, 33.5126, 5.7785
YIQ	133.1990, 4.0470, -67.8650

Conversions

Conversions Part 2

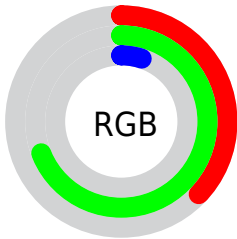
Format	Color
RYB	13, 176, 94
Decimal	6270989
CIELab	64.57, -48.34, 63.76
CIELCh	65, 80.015, 127.168
Yxy	33.5126, 0.3408, 0.5622
Android (android.graphics.Color)	4284461069 (0xFF5FB00D)
YUV	133.1990, -59.2581, -33.5005
Hunter-Lab	57.8901, -38.6607, 34.6048

Details

The Android color `4284461069` is a dark color, and the websafe version is hex `66CC33`. A complement of this color would be `4284353968`, and the grayscale version is `4287006342`.

A 20% lighter version of the original color is `4288276560`, and `4280253184` is the 20% darker color. If you saturate the color by 10%, you get `4284067840`, and if you desaturate by 10%, it is `4285050911`.

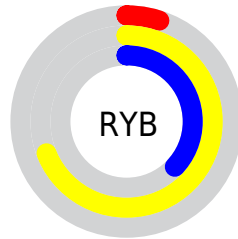
Distribution



Red (37%)

Green (69%)

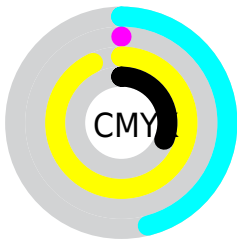
Blue (5%)



Red (5%)

Yellow (69%)

Blue (37%)

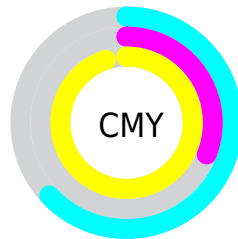


Cyan (46%)

Magenta (0%)

Yellow (93%)

Black (31%)



Cyan (63%)

Magenta (31%)

Yellow (95%)

Brightness & Saturation Gradients

These gradients show how the Android color 4284461069 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 4284461069 by changing the saturation by 10% instead.

 4284461069

 4284461069

4294967295

 4282488064

 4288276560

 4280253184

 4290183020

 4278214912

 4292083592

 4278208512

 4294049700

 4278202624

 4294967232

 4278196480

 4294967261

 4278190080

 4294967291

 4284461069

 4284461069

■ 4284067840

■ 4285050911

■ 4285575216

■ 4286165058

■ 4286754899

■ 4287344741

■ 4287869047

■ 4288458888

■ 4289048730

■ 4289638571

Harmonies

Analogous

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



4289568512



4284461069



4278237538

Triad

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



4284461069



4278236159



4294920847

Complementary

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



4284461069



4284353968

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.



4294859990



4284461069



4278231295

Square

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



4284461069



4278238194



4289888767



4294926922

Rectangle

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



4284461069



4278238355



4289888767



4294921127

Sweetspot

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



4284461069



4291225253



4289747981



4284445516



4294111986



4285756275

Same Dimension

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



4284461069



4285785600



4279283725



4283783504



4283275520



4279048704

Inverse Universe

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



4284353968



4285661414



4289531312



4283781209



4283170969



4279042074

Previews

White Background



This preview shows how the Android color 4284461069 looks on a white background.

Color Contrast Check

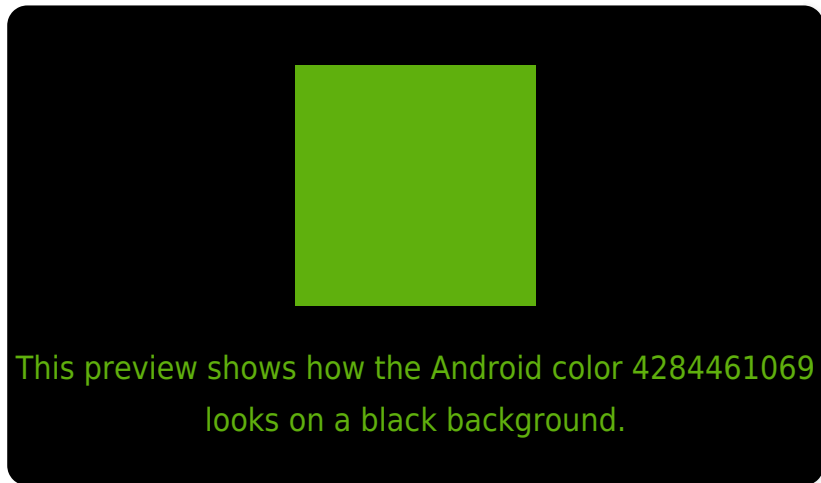
Large Text (above 18pt) WCAG AA × Fail

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 4284461069 Background



This preview shows how black text looks on a background with the Android color 4284461069.



This preview shows how white text looks on a background with the Android color 4284461069.

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
4284461069

Protanopia
4289764352

Deuteranopia
4291073061

Trichromacy



Original Color
4284461069

Protanomaly
4287865605

Deuteranomaly
4288650780

Tritanomaly
4285376629

Monochromacy



Original Color
4284461069

Achromatopsia
4286940549

Achromatomaly
4286027097

CSS Examples

Text

The CSS property to change the color of the text to Android 4284461069 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(95, 176, 13)` looks like.

```
.text, #text, p{  
    color:rgb(95, 176, 13)  
}
```

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(95, 176, 13) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(95, 176, 13) }
```

Border

The CSS property to change the border of an element to Android 4284461069 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(95, 176, 13) }
```

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

```
.border{ border-color:rgb(95, 176, 13) }
```

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

Here you see how a box with a 4 pixel `rgb(95, 176, 13)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(95, 176, 13); -webkit-box-  
shadow:4px 4px 4px 4px rgb(95, 176, 13);  
box-shadow:4px 4px 4px 4px rgb(95, 176,  
13) }
```

Background

The CSS property to change the background color of an element to Android 4284461069 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(95, 176, 13) }
```

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

```
.background{ background-color: rgb(95, 176,  
13) }
```

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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