

Converting Colors

Android(4284188690)

Have a look what the booklet for
Android(4284188690) contains.

Android(4284188690)	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(4284188690)

Conversions

Conversions Part 1

Format	Color
Hex	5B8812
RGB	91, 136, 18
RGB Percent	36%, 53%, 7%
CMY	0.6431, 0.4667, 0.9294
CMYK	0.33, 0.00, 0.87, 0.47
HSL	83°, 77%, 30%
HSV	83°, 87%, 53%
XYZ	13.2277, 19.8761, 3.7116
YIQ	109.0930, 11.0580, -46.2380

Conversions

Conversions Part 2

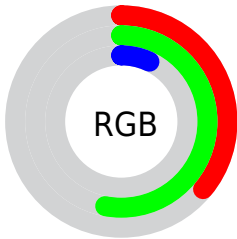
Format	Color
RYB	18, 136, 63
Decimal	5998610
CIELab	51.70, -32.69, 51.87
CIElCh	52, 61.310, 122.217
Yxy	19.8761, 0.3593, 0.5399
Android (android.graphics.Color)	4284188690 (0xFF5B8812)
YUV	109.0930, -44.9088, -15.8676
Hunter-Lab	44.5827, -25.0585, 26.2719

Details

The Android color `4284188690` is a dark color, and the websafe version is hex `669933`. A complement of this color would be `4282323592`, and the grayscale version is `4285427310`.

A 20% lighter version of the original color is `4287741515`, and `4280702464` is the 20% darker color. If you saturate the color by 10%, you get `4283860996`, and if you desaturate by 10%, it is `4284516384`.

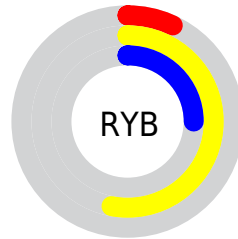
Distribution



Red (36%)

Green (53%)

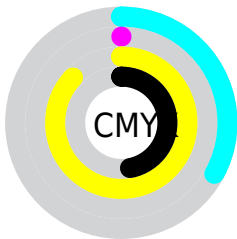
Blue (7%)



Red (7%)

Yellow (53%)

Blue (25%)

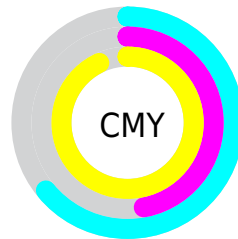


Cyan (33%)

Magenta (0%)

Yellow (87%)

Black (47%)



Cyan (64%)

Magenta (47%)

Yellow (93%)

Brightness & Saturation Gradients

These gradients show how the Android color 4284188690 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 4284188690 by changing the saturation by 10% instead.



4284188690



4284188690

4294967295



4282412544



4287741515



4280702464



4289583717



4278468096



4291425920



4278200320



4293328795



4278193152



4294967223



4278190080



4294967251



4294967280



4284188690



4284188690

■ 4283860996

■ 4284516384

■ 4283729920

■ 4284844077

■ 4285237307

■ 4285565000

■ 4285892694

■ 4286220388

■ 4286548081

■ 4286875775

■ 4287269004

Harmonies

Analogous

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



4287658496



4284188690



4278227015

Triad

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



4284188690



4278226392



4292297850

Complementary

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



4284188690



4282323592

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.



4290597549



4284188690



4278223077

Square

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



4284188690



4278227890



4286540757



4292038214

Rectangle

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



4284188690



4278227563



4286540757



4291970699

Sweetspot

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



4284188690



4288655490



4287118610



4283390270



4292467161



4284045657

Same Dimension

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



4284188690



4285378560



4280453138



4282533182



4283598080



4278387968

Inverse Universe

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



4282323592



4282581168



4286059144



4282465861



4281532549



4278321157

Previews

White Background



This preview shows how the Android color 4284188690 looks on a white background.

Color Contrast Check

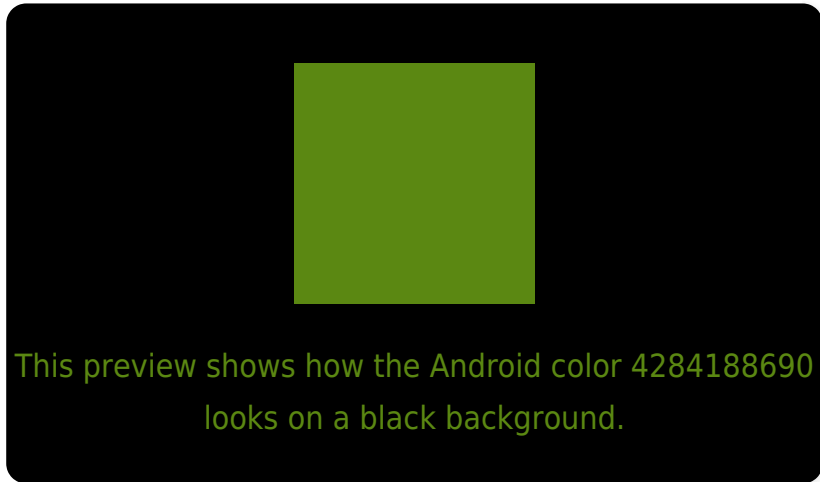
Large Text (above 18pt) WCAG AA ✓ Pass

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 × Fail

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

Android 4284188690 Background



This preview shows how black text looks on a background with the Android color 4284188690.



This preview shows how white text looks on a background with the Android color 4284188690.

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

4284188690

Protanopia

4287265550

Deuteranopia

4288312607

Trichromacy



Original Color
4284188690

Protanomaly
4286152719

Deuteranomaly
4286807066

Tritanomaly
4284777054

Monochromacy



Original Color
4284188690

Achromatopsia
4285361517

Achromatomaly
4284905292

CSS Examples

Text

The CSS property to change the color of the text to Android 4284188690 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(91, 136, 18)` looks like.

```
.text, #text, p{  
    color:rgb(91, 136, 18)  
}
```

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(91, 136, 18) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(91, 136, 18) }
```

Border

The CSS property to change the border of an element to Android 4284188690 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(91, 136, 18) }
```

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

```
.border{ border-color:rgb(91, 136, 18) }
```

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

Here you see how a box with a 4 pixel rgb(91, 136, 18) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(91, 136, 18); -webkit-box-  
shadow:4px 4px 4px 4px rgb(91, 136, 18);  
box-shadow:4px 4px 4px 4px rgb(91, 136,  
18) }
```

Background

The CSS property to change the background color of an element to Android 4284188690 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(91, 136, 18) }
```

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

```
.background{ background-color: rgb(91, 136,  
18) }
```

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