

Converting Colors

Android(4284113675)

Have a look what the booklet for
Android(4284113675) contains.

Android(4284113675)	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(4284113675)

Conversions

Conversions Part 1

Format	Color
Hex	5A630B
RGB	90, 99, 11
RGB Percent	35%, 39%, 4%
CMY	0.6471, 0.6118, 0.9569
CMYK	0.09, 0.00, 0.89, 0.61
HSL	66°, 80%, 22%
HSV	66°, 89%, 39%
XYZ	8.7387, 11.1215, 2.0027
YIQ	86.2770, 22.8840, -29.2760

Conversions

Conversions Part 2

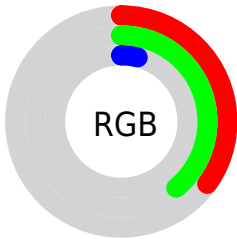
Format	Color
R_{YB}	11, 99, 20
Decimal	5923595
CIE _{Lab}	39.78, -14.78, 43.39
CIE _{LCh}	40, 45.835, 108.812
Yxy	11.1215, 0.3997, 0.5087
Android (android.graphics.Color)	4284113675 (0xFF5A630B)
YUV	86.2770, -37.1116, 3.2651
Hunter-Lab	33.3489, -11.5868, 19.7837

Details

The Android color `4284113675` is a dark color, and the websafe version is hex `666600`. A complement of this color would be `4279503715`, and the grayscale version is `4283914071`.

A 20% lighter version of the original color is `4287600192`, and `4280890624` is the 20% darker color. If you saturate the color by 10%, you get `4284048129`, and if you desaturate by 10%, it is `4284179221`.

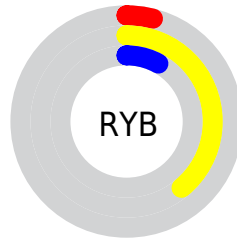
Distribution



Red (35%)

Green (39%)

Blue (4%)



Red (4%)

Yellow (39%)

Blue (8%)

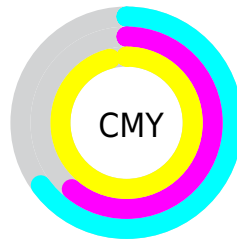


Cyan (9%)

Magenta (0%)

Yellow (89%)

Black (61%)



Cyan (65%)

Magenta (61%)

Yellow (96%)

Brightness & Saturation Gradients

These gradients show how the Android color 4284113675 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 4284113675 by changing the saturation by 10% instead.



4284113675



4284113675

4294967294



4282469120



4287600192



4280890624



4289376345



4279181312



4291218547



4278190080



4293126285



4294967208



4294967236



4294967265



4284113675



4284113675

■ 4284048129

■ 4284179221

■ 4284048128

■ 4284244767

■ 4284310313

■ 4284375859

■ 4284441405

■ 4284506950

■ 4284572496

■ 4284638042

■ 4284703588

Harmonies

Analogous

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



4286338827



4284113675



4281101097

Triad

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



4284113675



4278218133



4288297837

Complementary

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



4284113675



4279503715

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.



4286400911



4284113675



4278216359

Square

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



4284113675



4278218613



4282538661



4288756552

Rectangle

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



4284113675



4278218305



4282538661



4287840122

Sweetspot

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



4284113675



4286349405



4284683275



4282269739



4290756543



4282400832

Same Dimension

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



4284113675



4285693952



4281230091



4281348140



4284837888



4292341760

Inverse Universe

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



4279503715



4279042176



4282387299



4281084976



4278911088



4279828720

Previews

White Background



This preview shows how the Android color 4284113675 looks on a white background.

Color Contrast Check

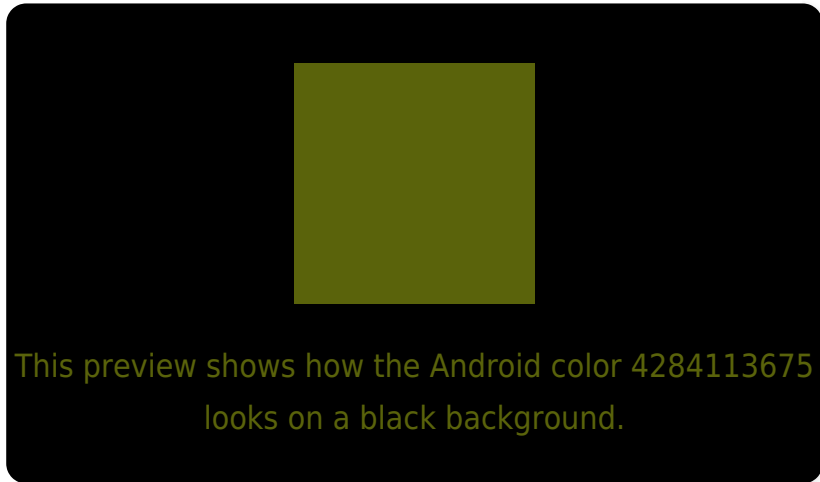
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black 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

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

Android 4284113675 Background



This preview shows how black text looks on a background with the Android color 4284113675.



This preview shows how white text looks on a background with the Android color 4284113675.

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
4284113675

Protanopia
4285160969

Deuteranopia
4285946131



Tritanopia
4284570723

Trichromacy



Original Color
4284113675

Protanomaly
4284768266

Deuteranomaly
4285291792

Tritanomaly
4284374851

Monochromacy



Original Color
4284113675

Achromatopsia
4283848278

Achromatomaly
4283915067

CSS Examples

Text

The CSS property to change the color of the text to Android 4284113675 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(90, 99, 11)` looks like.

```
.text, #text, p{  
    color:rgb(90, 99, 11)  
}
```

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(90, 99, 11) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(90, 99, 11) }
```

Border

The CSS property to change the border of an element to Android 4284113675 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(90, 99, 11) }
```

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

```
.border{ border-color:rgb(90, 99, 11) }
```

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

Here you see how a box with a 4 pixel `rgb(90, 99, 11)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(90, 99, 11); -webkit-box-  
shadow:4px 4px 4px 4px rgb(90, 99, 11);  
box-shadow:4px 4px 4px 4px rgb(90, 99, 11)  
}
```

Background

The CSS property to change the background color of an element to Android 4284113675 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(90, 99, 11) }
```

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

```
.background{ background-color: rgb(90, 99,  
11) }
```

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