

Converting Colors

Android(4284516096)

Have a look what the booklet for
Android(4284516096) contains.

Android(4284516096)	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(4284516096)

Conversions

Conversions Part 1

Format	Color
Hex	608700
RGB	96, 135, 0
RGB Percent	38%, 53%, 0%
CMY	0.6235, 0.4706, 1.0000
CMYK	0.29, 0.00, 1.00, 0.47
HSL	77°, 100%, 26%
HSV	77°, 100%, 53%
XYZ	13.4878, 19.8147, 3.1137
YIQ	107.9490, 20.0910, -50.2530

Conversions

Conversions Part 2

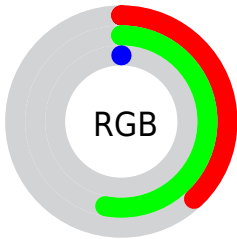
Format	Color
RYB	0, 135, 39
Decimal	6326016
CIELab	51.63, -30.70, 55.44
CIElCh	52, 63.370, 118.975
Yxy	19.8147, 0.3704, 0.5441
Android (android.graphics.Color)	4284516096 (0xFF608700)
YUV	107.9490, -53.2189, -10.4793
Hunter-Lab	44.5138, -23.8129, 27.0123

Details

The Android color `4284516096` is a dark color, and the websafe version is hex `669900`. A complement of this color would be `4280746119`, and the grayscale version is `4285295724`.

A 20% lighter version of the original color is `4288134211`, and `4281095424` is the 20% darker color. If you saturate the color by 10%, you get `4284516096`, and if you desaturate by 10%, it is `4284778253`.

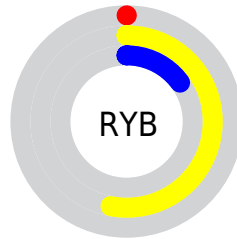
Distribution



Red (38%)

Green (53%)

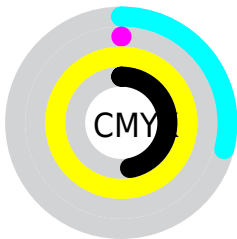
Blue (0%)



Red (0%)

Yellow (53%)

Blue (15%)

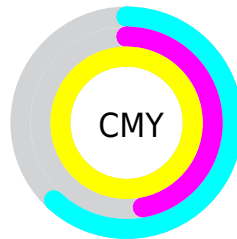


Cyan (29%)

Magenta (0%)

Yellow (100%)

Black (47%)



Cyan (62%)

Magenta (47%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the Android color 4284516096 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 4284516096 by changing the saturation by 10% instead.



4284516096



4284516096

4294967295



4282740224



4288134211



4281095424



4289976413



4278992128



4291818872



4278200064



4293722003



4278192896



4294967215



4278190080



4294967243



4294967272



4284516096

 4284778253

 4285040411

 4285302569

 4285564726

 4285826884

 4286023505

 4286285662

 4286547820

 4286809978

Harmonies

Analogous

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



4287985664



4284516096



4278226751

Triad

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



4284516096



4278226648



4292362367

Complementary

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



4284516096



4280746119

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.



4290401204



4284516096



4278223592

Square

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



4284516096



4278227886



4285820379



4292299338

Rectangle

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



4284516096



4278227556



4285820379



4291904657

Sweetspot

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



4284516096



4288786555



4287047168



4283455801



4292467161



4284045657

Same Dimension

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



4284516096



4286427136



4280125184



4282401340



4284252672



4278321920

Inverse Universe

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



4280746119



4281532592



4285137031



4282268738



4280680578



4278255619

Previews

White Background



This preview shows how the Android color 4284516096 looks on a white background.

Color Contrast Check

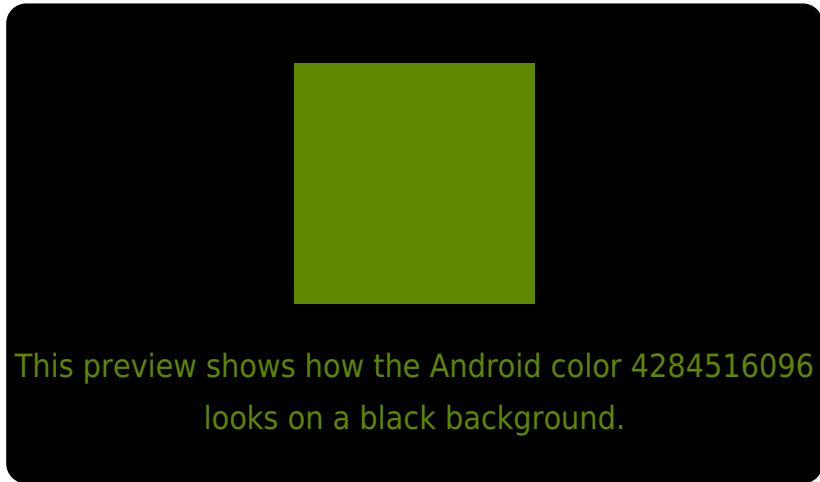
Large Text (above 18pt) WCAG AA ✓ Pass

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 4284516096 Background



This preview shows how black text looks on a background with the Android color 4284516096.



This preview shows how white text looks on a background with the Android color 4284516096.

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
4284516096

Protanopia
4287331072

Deuteranopia
4288377881

Trichromacy



Original Color
4284516096

Protanomaly
4286283520

Deuteranomaly
4287003408

Tritanomaly
4285038934

Monochromacy



Original Color
4284516096

Achromatopsia
4285295724

Achromatomaly
4285036101

CSS Examples

Text

The CSS property to change the color of the text to Android 4284516096 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(96, 135, 0)` looks like.

```
.text, #text, p{  
    color:rgb(96, 135, 0)  
}
```

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(96, 135, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(96, 135, 0) }
```

Border

The CSS property to change the border of an element to Android 4284516096 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(96, 135, 0) }
```

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

```
.border{ border-color:rgb(96, 135, 0) }
```

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

Here you see how a box with a 4 pixel rgb(96, 135, 0) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(96, 135, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(96, 135, 0);  
box-shadow:4px 4px 4px 4px rgb(96, 135, 0)  
}
```

Background

The CSS property to change the background color of an element to Android 4284516096 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(96, 135, 0) }
```

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

```
.background{ background-color: rgb(96, 135,  
0) }
```

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