

Converting Colors

Android(4284313609)

Have a look what the booklet for
Android(4284313609) contains.

Android(4284313609)	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(4284313609)

Conversions

Conversions Part 1

Format	Color
Hex	5D7009
RGB	93, 112, 9
RGB Percent	36%, 44%, 4%
CMY	0.6353, 0.5608, 0.9647
CMYK	0.17, 0.00, 0.92, 0.56
HSL	71°, 85%, 24%
HSV	71°, 92%, 44%
XYZ	10.3577, 13.9352, 2.4023
YIQ	94.5770, 21.7390, -36.0610

Conversions

Conversions Part 2

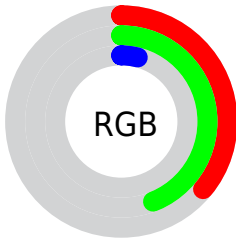
Format	Color
RYB	9, 112, 28
Decimal	6123529
CIELab	44.14, -20.40, 47.60
CIELCh	44, 51.783, 113.200
Yxy	13.9352, 0.3880, 0.5220
Android (android.graphics.Color)	4284313609 (0xFF5D7009)
YUV	94.5770, -42.1895, -1.3830
Hunter-Lab	37.3299, -15.8001, 22.3154

Details

The Android color **4284313609** is a dark color, and the websafe version is hex **666600**. A complement of this color would be **4280027504**, and the grayscale version is **4284440415**.

A 20% lighter version of the original color is **4287800386**, and **4281024512** is the 20% darker color. If you saturate the color by 10%, you get **4284182528**, and if you desaturate by 10%, it is **4284444692**.

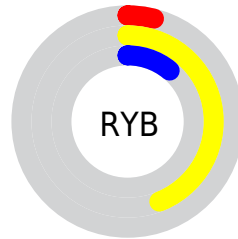
Distribution



Red (36%)

Green (44%)

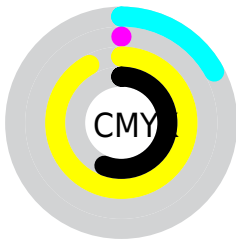
Blue (4%)



Red (4%)

Yellow (44%)

Blue (11%)

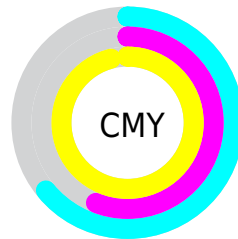


Cyan (17%)

Magenta (0%)

Yellow (92%)

Black (56%)



Cyan (64%)

Magenta (56%)

Yellow (96%)

Brightness & Saturation Gradients

These gradients show how the Android color 4284313609 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 4284313609 by changing the saturation by 10% instead.



4284313609



4284313609

4294967295



4282603520



4287800386



4281024512



4289642331



4279314944



4291484534



4278195968



4293392272



4278190080



4294967211



4294967239



4294967268



4284313609



4284313609

■ 4284182528

■ 4284444692

■ 4284575775

■ 4284706859

■ 4284837942

■ 4284969025

■ 4285100108

■ 4285231191

■ 4285427811

■ 4285558894

Harmonies

Analogous

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



4286997248



4284313609



4280318001

Triad

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



4284313609



4278221229



4289740404

Complementary

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



4284313609



4280027504

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.



4287843740



4284313609



4278218942

Square

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



4284313609



4278221961



4283720120



4290003017

Rectangle

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



4284313609



4278221646



4283720120



4289282690

Sweetspot

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



4284313609



4287271273



4285537289



4282731057



4291414473



4283058762

Same Dimension

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



4284313609



4286025984



4280971273



4281808946



4284643328



4291491584

Inverse Universe

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



4280027504



4279959697



4283369840



4281610808



4279631992



4281204983

Previews

White Background



This preview shows how the Android color 4284313609 looks on a white background.

Color Contrast Check

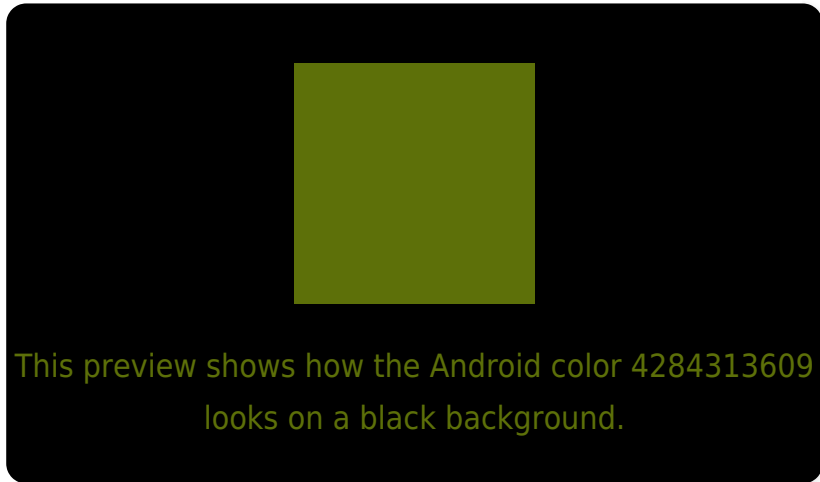
Large Text (above 18pt) WCAG AA ✓ Pass

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

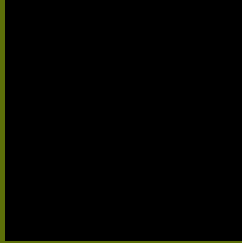
Any Text WCAG AA × Fail

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 4284313609 Background



This preview shows how black text looks on a background with the Android color 4284313609.



This preview shows how white text looks on a background with the Android color 4284313609.

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
4284313609

Protanopia
4285950212

Deuteranopia
4286800661



Tritanopia
4284901488

Trichromacy



Original Color
4284313609

Protanomaly
4285361158

Deuteranomaly
4285884433

Tritanomaly
4284705611

Monochromacy



Original Color
4284313609

Achromatopsia
4284440415

Achromatomaly
4284376384

CSS Examples

Text

The CSS property to change the color of the text to Android 4284313609 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(93, 112, 9)` looks like.

```
.text, #text, p{  
    color:rgb(93, 112, 9)  
}
```

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(93, 112, 9) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(93, 112, 9) }
```

Border

The CSS property to change the border of an element to Android 4284313609 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(93, 112, 9) }
```

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

```
.border{ border-color:rgb(93, 112, 9) }
```

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

Here you see how a box with a 4 pixel rgb(93, 112, 9) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(93, 112, 9); -webkit-box-  
shadow:4px 4px 4px 4px rgb(93, 112, 9);  
box-shadow:4px 4px 4px 4px rgb(93, 112, 9)  
}
```

Background

The CSS property to change the background color of an element to Android 4284313609 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(93, 112, 9) }
```

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

```
.background{ background-color: rgb(93, 112,  
9) }
```

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