

# Converting Colors

Android(4284311050)

Have a look what the booklet for  
Android(4284311050) contains.

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# Color

**Android(4284311050)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	5D660A
RGB	93, 102, 10
RGB Percent	36%, 40%, 4%
CMY	0.6353, 0.6000, 0.9608
CMYK	0.09, 0.00, 0.90, 0.60
HSL	66°, 82%, 22%
HSV	66°, 90%, 40%
XYZ	9.3204, 11.8518, 2.0836
YIQ	88.8210, 24.1680, -30.5200

# Conversions

## Conversions Part 2

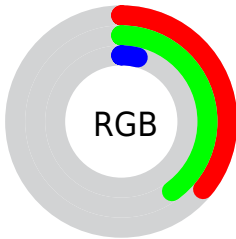
<b>Format</b>	<b>Color</b>
<b>RYB</b>	10, 102, 19
Decimal	6120970
CIELab	40.98, -15.03, 44.75
CIELCh	41, 47.204, 108.570
Yxy	11.8518, 0.4008, 0.5096
Android (android.graphics.Color)	4284311050 (0xFF5D660A)
YUV	88.8210, -38.8588, 3.6650
Hunter-Lab	34.4265, -11.9206, 20.5102

# Details

The Android color **4284311050** is a dark color, and the websafe version is hex **666600**. A complement of this color would be **4279437926**, and the grayscale version is **4284045657**.

A 20% lighter version of the original color is **4287797568**, and **4281022208** is the 20% darker color. If you saturate the color by 10%, you get **4284245504**, and if you desaturate by 10%, it is **4284376596**.

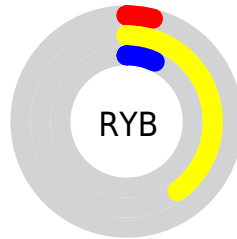
# Distribution



Red (36%)

Green (40%)

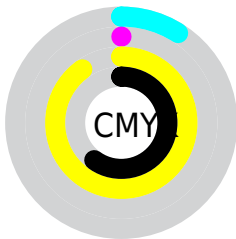
Blue (4%)



Red (4%)

Yellow (40%)

Blue (7%)

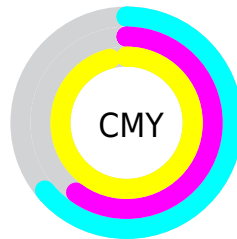


Cyan (9%)

Magenta (0%)

Yellow (90%)

Black (60%)



Cyan (64%)

Magenta (60%)

Yellow (96%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4284311050 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 4284311050 by changing the saturation by 10% instead.





4284311050



4284311050

4294967294



4282666496



4287797568



4281022208



4289639514



4279378432



4291481459



4278191872



4293389198



4278190080



4294967209



4294967237



4294967265



4284311050



4284311050

■ 4284245504

■ 4284376596

■ 4284442142

■ 4284507689

■ 4284573235

■ 4284638781

■ 4284704327

■ 4284769873

■ 4284835420

■ 4284900966

# Harmonies

## Analogous

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



4286601482



4284311050



4281167402

# Triad

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



4284311050



4278218906



4288626033

# Complementary

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



4284311050



4279437926

# 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.



4286598036



4284311050



4278217133

# Square

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



4284311050



4278219640



4282604970



4289084490

# Rectangle

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



4284311050



4278219075



4282604970



4288102782



# Sweetspot

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



4284311050



4286678369



4284879370



4282401325



4290953922



4282532418



# Same Dimension

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



4284311050



4286088448



4281361930



4281545518



4285035264



4292604416



# Inverse Universe

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



4279437926



4279042181



4282387046



4281216563



4278911091



4279763186



# Previews

## White Background



This preview shows how the Android color 4284311050 looks on a white background.

## Color Contrast Check

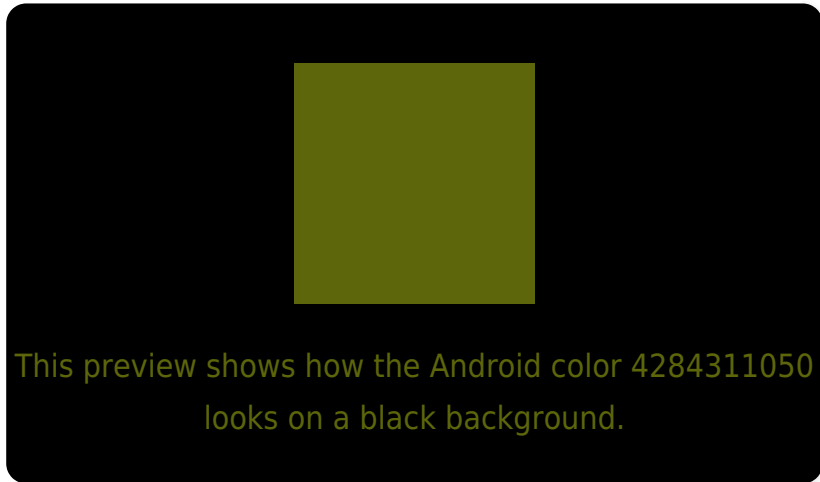
Large Text (above 18pt) WCAG AA ✓ Pass

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 4284311050 Background



This preview shows how black text looks on a background with the Android color 4284311050.



This preview shows how white text looks on a background with the Android color 4284311050.

# 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**  
4284311050

**Protanopia**  
4285358344

**Deuteranopia**  
4286209043



**Tritanopia**  
4284768102

# Trichromacy



**Original Color**  
4284311050

**Protanomaly**  
4284965641

**Deuteranomaly**  
4285489168

**Tritanomaly**  
4284572229

# Monochromacy



**Original Color**  
4284311050

**Achromatopsia**  
4284045657

**Achromatomaly**  
4284112444

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4284311050 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, 102, 10)` looks like.

```
.text, #text, p{  
    color:rgb(93, 102, 10)  
}
```

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, 102, 10) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(93, 102, 10) }
```

## Border

The CSS property to change the border of an element to Android 4284311050 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, 102, 10) }
```

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

```
.border{ border-color:rgb(93, 102, 10) }
```

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

Here you see how a box with a 4 pixel rgb(93, 102, 10) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(93, 102, 10); -webkit-box-  
shadow:4px 4px 4px 4px rgb(93, 102, 10);  
box-shadow:4px 4px 4px 4px rgb(93, 102,  
10) }
```

# Background

The CSS property to change the background color of an element to Android 4284311050 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(93, 102, 10) }
```

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

```
.background{ background-color: rgb(93, 102,  
10) }
```

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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