

# Converting Colors

Android(4284772148)

Have a look what the booklet for  
Android(4284772148) contains.

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# Color

**Android(4284772148)**

# Conversions

## Conversions Part 1

Format	Color
Hex	646F34
RGB	100, 111, 52
RGB Percent	39%, 44%, 20%
CMY	0.6078, 0.5647, 0.7961
CMYK	0.10, 0.00, 0.53, 0.56
HSL	71°, 36%, 32%
HSV	71°, 53%, 44%
XYZ	11.5598, 14.3261, 5.4048
YIQ	100.9850, 12.3830, -20.6810

# Conversions

## Conversions Part 2

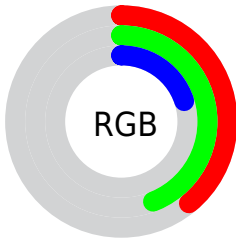
<b>Format</b>	<b>Color</b>
<b>RYB</b>	52, 111, 63
Decimal	6582068
CIELab	44.70, -13.90, 31.15
CIElCh	45, 34.108, 114.046
Yxy	14.3261, 0.3694, 0.4578
Android (android.graphics.Color)	4284772148 (0xFF646F34)
YUV	100.9850, -24.1496, -0.8638
Hunter-Lab	37.8499, -11.7213, 18.0286

# Details

The Android color `4284772148` is a dark color, and the websafe version is hex `666633`. A complement of this color would be `4282332271`, and the grayscale version is `4284835173`.

A 20% lighter version of the original color is `4288193380`, and `4281548549` is the 20% darker color. If you saturate the color by 10%, you get `4284641065`, and if you desaturate by 10%, it is `4284903231`.

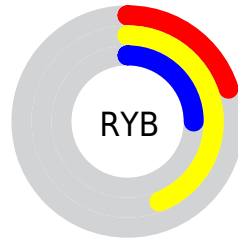
# Distribution



Red (39%)

Green (44%)

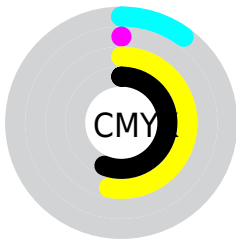
Blue (20%)



Red (20%)

Yellow (44%)

Blue (25%)

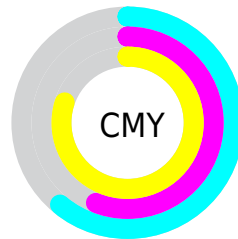


Cyan (10%)

Magenta (0%)

Yellow (53%)

Black (56%)



Cyan (61%)

Magenta (56%)

Yellow (80%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4284772148 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 4284772148 by changing the saturation by 10% instead.





4284772148



4284772148

4294967295



4283127581



4288193380



4281548549



4289969790



4280101120



4291811736



4278195712



4293719731



4278190080



4294967247



4294967275



4284772148



4284772148



4284641065



4284903231

■ 4284509982

■ 4285034314

■ 4284378899

■ 4285165397

■ 4284247816

■ 4285296480

■ 4284116736

■ 4285427564

■ 4285558647

■ 4285689730

■ 4285886349

■ 4286017432

# Harmonies

## Analogous

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



4286604848



4284772148



4282545479

# Triad

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



4284772148



4278220183



4288369521

# Complementary

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



4284772148



4282332271

# 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.



4287126155



4284772148



4280970914

# Square

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



4284772148



4278220928



4284703902



4288631892

# Rectangle

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



4284772148



4280448857



4284703902



4288107642



# Sweetspot

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



4284772148



4287467898



4285480756



4282862140



4291414473



4283058762



# Same Dimension

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



4284772148



4286615860



4282871604



4281808946



4284643328



4291426048



# Inverse Universe

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



4282332271



4282791057



4284232815



4281610808



4279631992



4281204983



# Previews

## White Background



This preview shows how the Android color 4284772148 looks on a white background.

## Color Contrast Check

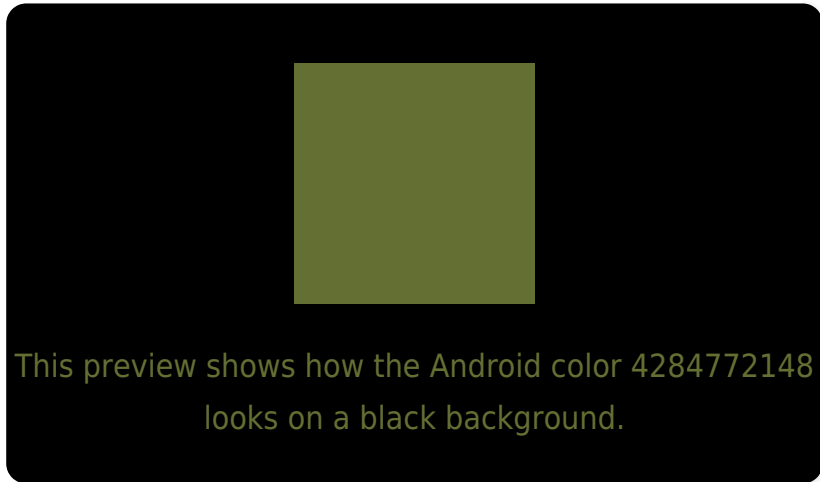
Large Text (above 18pt) WCAG AA ✓ Pass

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

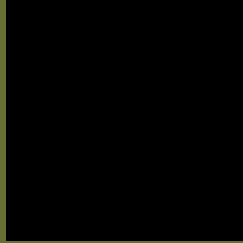
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



# Android 4284772148 Background



This preview shows how black text looks on a background with the Android color 4284772148.



This preview shows how white text looks on a background with the Android color 4284772148.

# 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**


4284772148

**Protanopia**

4285884978

**Deuteranopia**

4286735671



**Tritanopia**  
4285229169

# Trichromacy



**Original Color**  
4284772148

**Protanomaly**  
4285492275

**Deuteranomaly**  
4286015798

**Tritanomaly**  
4285033307

# Monochromacy



**Original Color**  
4284772148

**Achromatopsia**  
4284835173

**Achromatomaly**  
4284836179

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4284772148 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(100, 111, 52)` looks like.

```
.text, #text, p{  
    color:rgb(100, 111, 52)  
}
```

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(100, 111, 52) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(100, 111, 52) }
```

## Border

The CSS property to change the border of an element to Android 4284772148 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(100, 111, 52) }
```

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

```
.border{ border-color:rgb(100, 111, 52) }
```

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

Here you see how a box with a 4 pixel `rgb(100, 111, 52)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(100, 111, 52); -webkit-box-  
shadow:4px 4px 4px 4px rgb(100, 111, 52);  
box-shadow:4px 4px 4px 4px rgb(100, 111,  
52) }
```

# Background

The CSS property to change the background color of an element to Android 4284772148 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(100, 111, 52) }
```

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

```
.background{ background-color: rgb(100,  
111, 52) }
```

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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