

# Converting Colors

Android(4284964928)

Have a look what the booklet for  
Android(4284964928) contains.

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# Color

**Android(4284964928)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	676040
RGB	103, 96, 64
RGB Percent	40%, 38%, 25%
CMY	0.5961, 0.6235, 0.7490
CMYK	0.00, 0.07, 0.38, 0.60
HSL	49°, 23%, 33%
HSV	49°, 38%, 40%
XYZ	10.7018, 11.6195, 6.5292
YIQ	94.4450, 14.4440, -8.4680

# Conversions

## Conversions Part 2

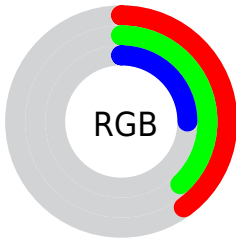
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	<a href="#">73, 103, 64</a>
Decimal	<a href="#">6774848</a>
CIELab	<a href="#">40.60, -2.55, 19.31</a>
CIElCh	<a href="#">41, 19.479, 97.511</a>
Yxy	<a href="#">11.6195, 0.3709, 0.4027</a>
Android (android.graphics.Color)	<a href="#">4284964928 (0xFF676040)</a>
YUV	<a href="#">94.4450, -15.0094, 7.5027</a>
Hunter-Lab	<a href="#">34.0873, -3.6124, 12.5045</a>

# Details

The Android color `4284964928` is a dark color, and the websafe version is hex `666633`. A complement of this color would be `4282402663`, and the grayscale version is `4284440415`.

A 20% lighter version of the original color is `4288385648`, and `4281807381` is the 20% darker color. If you saturate the color by 10%, you get `4284964406`, and if you desaturate by 10%, it is `4284965450`.

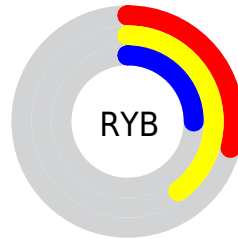
# Distribution



Red (40%)

Green (38%)

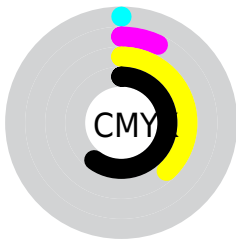
Blue (25%)



Red (29%)

Yellow (40%)

Blue (25%)

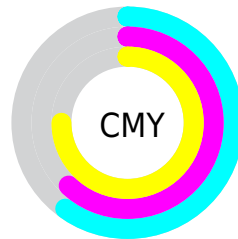


Cyan (0%)

Magenta (7%)

Yellow (38%)

Black (60%)



Cyan (60%)

Magenta (62%)

Yellow (75%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4284964928 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 4284964928 by changing the saturation by 10% instead.





4284964928



4284964928

4294967295



4283320362



4288385648



4281807381



4290162058



4280425728



4292004004



4278191104



4293846207



4278190080



4294967259



4294967288



4284964928



4284964928



4284964406



4284965450

■ 4284963883

■ 4284965973

■ 4284963361

■ 4284966495

■ 4284963095

■ 4284966761

■ 4284962573

■ 4284967284

■ 4284962050

■ 4284967806

■ 4284962048

■ 4284968328

■ 4284968850

■ 4284969373

# Harmonies

## Analogous

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



4285881155



4284964928



4283852102

# Triad

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



4284964928



4281165939



4286010988

# Complementary

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



4284964928



4282402663

# 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.



4284963449



4284964928



4282017149

# Square

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



4284964928



4281559395



4283523199



4286534748

# Rectangle

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



4284964928



4283000654



4283523199



4285749105



# Sweetspot

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



4284964928



4287071352



4284956743



4282729276



4291085508



4282729797



# Same Dimension

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



4284964928



4287069258



4284180288



4281545262



4285750784



4294100736



# Inverse Universe

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



4282402663



4283061639



4283187303



4281216819



4278195571



4278201330



# Previews

## White Background



This preview shows how the Android color 4284964928 looks on a white background.

## Color Contrast Check

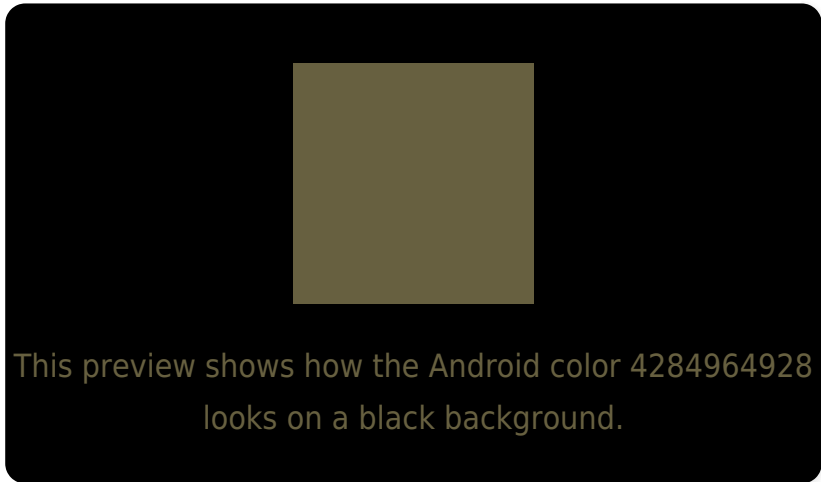
Large Text (above 18pt) WCAG AA ✓ Pass

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

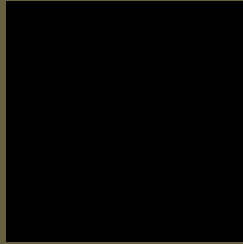
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



# Android 4284964928 Background



This preview shows how black text looks on a background with the Android color 4284964928.

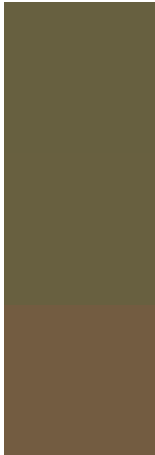


This preview shows how white text looks on a background with the Android color 4284964928.

# 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**  
4284964928

**Protanopia**  
4285030464

**Deuteranopia**  
4285750337



# Trichromacy



**Original Color**  
4284964928

**Protanomaly**  
4285030464

**Deuteranomaly**  
4285488449

**Tritanomaly**  
4285160790

# Monochromacy



**Original Color**  
4284964928

**Achromatopsia**  
4284374622

**Achromatomaly**  
4284571475

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4284964928 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(103, 96, 64)` looks like.

```
.text, #text, p{  
    color:rgb(103, 96, 64)  
}
```

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(103, 96, 64) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(103, 96, 64) }
```

## Border

The CSS property to change the border of an element to Android 4284964928 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(103, 96, 64) }
```

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

```
.border{ border-color:rgb(103, 96, 64) }
```

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

Here you see how a box with a 4 pixel rgb(103, 96, 64) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(103, 96, 64); -webkit-box-  
shadow:4px 4px 4px 4px rgb(103, 96, 64);  
box-shadow:4px 4px 4px 4px rgb(103, 96,  
64) }
```

# Background

The CSS property to change the background color of an element to Android 4284964928 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(103, 96, 64) }
```

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

```
.background{ background-color: rgb(103, 96,  
64) }
```

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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