

# Converting Colors

Android(4284768256)

Have a look what the booklet for  
Android(4284768256) contains.

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**Color**

**Android(4284768256)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	646000
RGB	100, 96, 0
RGB Percent	39%, 38%, 0%
CMY	0.6078, 0.6235, 1.0000
CMYK	0.00, 0.04, 1.00, 0.61
HSL	58°, 100%, 20%
HSV	58°, 100%, 39%
XYZ	9.4384, 11.0751, 1.6402
YIQ	86.2520, 33.2000, -29.0080

# Conversions

## Conversions Part 2

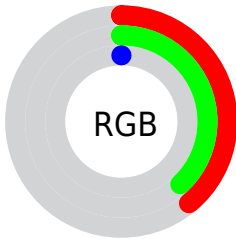
<b>Format</b>	<b>Color</b>
<b>R<sub>Y</sub>B</b>	4, 100, 0
Decimal	6578176
CIE Lab	39.71, -8.58, 46.65
CIE LCh	40, 47.433, 100.417
Yxy	11.0751, 0.4260, 0.4999
Android (android.graphics.Color)	4284768256 (0xFF646000)
YUV	86.2520, -42.5222, 12.0570
Hunter-Lab	33.2792, -7.6138, 20.3732

# Details

The Android color `4284768256` is a dark color, and the websafe version is hex `666600`. A complement of this color would be `4278191204`, and the grayscale version is `4283914071`.

A 20% lighter version of the original color is `4288320058`, and `4281414144` is the 20% darker color. If you saturate the color by 10%, you get `4284768256`, and if you desaturate by 10%, it is `4284768266`.

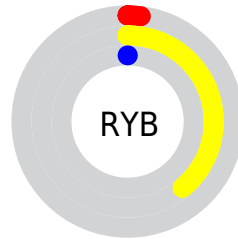
# Distribution



Red (39%)

Green (38%)

Blue (0%)



Red (2%)

Yellow (39%)

Blue (0%)

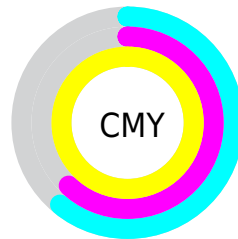


Cyan (0%)

Magenta (4%)

Yellow (100%)

Black (61%)



Cyan (61%)

Magenta (62%)

Yellow (100%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4284768256 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 4284768256 by changing the saturation by 10% instead.



 4284768256

 4284768256

 4294967287

 4283058176

 4288320058

 4281414144

 4290162003

 4279835904

 4292069485

 4278190080

 4293977223

 4294967202

 4294967230

 4294967258

 4284768256

■ 4284768266

■ 4284768532

■ 4284768542

■ 4284768808

■ 4284768818

■ 4284768828

■ 4284769094

■ 4284769104

■ 4284769370

# Harmonies

## Analogous

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



4286927373



4284768256



4281952541

# Triad

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



4284768256



4278218383



4288035960

# Complementary

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



4284768256



4278191204

# 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.



4285549977



4284768256



4278217126

# Square

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



4284768256



4278218858



4280049322



4288886610

# Rectangle

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



4284768256



4278218037



4280049322



4287381892



# Sweetspot

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



4284768256



4286742619



4284743685



4282532138



4290953922



4282532418



# Same Dimension

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



4284768256



4286741760



4281820160



4281545518



4285754880



4294109440



# Inverse Universe

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



4278191204



4278191490



4281139300



4281216563



4278191475



4278192882



# Previews

## White Background



This preview shows how the Android color 4284768256 looks on a white background.

## Color Contrast Check

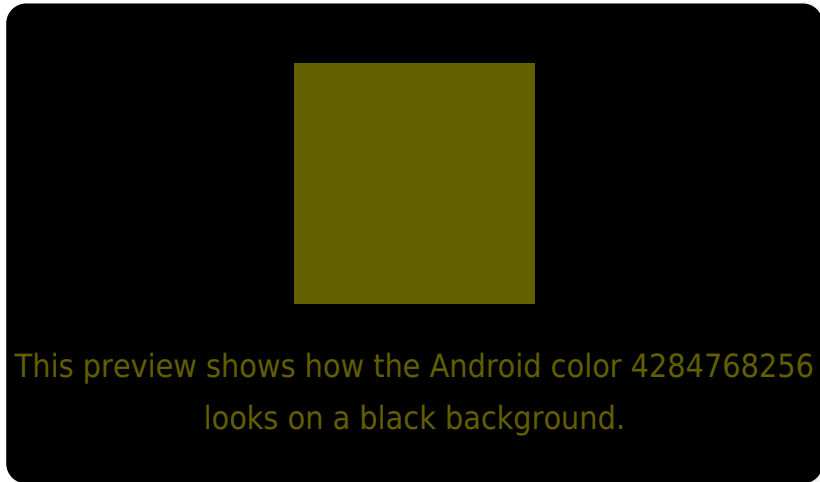
Large Text (above 18pt) WCAG AA ✓ Pass

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 4284768256 Background



This preview shows how black text looks on a background with the Android color 4284768256.



This preview shows how white text looks on a background with the Android color 4284768256.

# 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**  
4284768256

**Protanopia**  
4285160960

**Deuteranopia**  
4285946126



# Trichromacy



**Original Color**  
4284768256

**Protanomaly**  
4285030144

**Deuteranomaly**  
4285488137

**Tritanomaly**  
4285029437

# Monochromacy



**Original Color**  
4284768256

**Achromatopsia**  
4283848278

**Achromatomaly**  
4284176951

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4284768256 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, 96, 0)` looks like.

```
.text, #text, p{  
    color:rgb(100, 96, 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(100, 96, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(100, 96, 0) }
```

## Border

The CSS property to change the border of an element to Android 4284768256 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, 96, 0) }
```

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

```
.border{ border-color:rgb(100, 96, 0) }
```

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

Here you see how a box with a 4 pixel `rgb(100, 96, 0)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(100, 96, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(100, 96, 0);  
box-shadow:4px 4px 4px 4px rgb(100, 96, 0)  
}
```

# Background

The CSS property to change the background color of an element to Android 4284768256 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(100, 96, 0) }
```

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

```
.background{ background-color: rgb(100, 96,  
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](#).



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