

# Converting Colors

Android(4284833024)

Have a look what the booklet for  
Android(4284833024) contains.

<b>Android(4284833024)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

**Color**

**Android(4284833024)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	655D00
RGB	101, 93, 0
RGB Percent	40%, 36%, 0%
CMY	0.6039, 0.6353, 1.0000
CMYK	0.00, 0.08, 1.00, 0.60
HSL	55°, 100%, 20%
HSV	55°, 100%, 40%
XYZ	9.2812, 10.5954, 1.5559
YIQ	84.7900, 34.6210, -27.2270

# Conversions

## Conversions Part 2

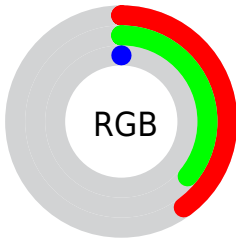
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	9, 101, 0
Decimal	6642944
CIE Lab	38.89, -6.35, 46.11
CIE LCh	39, 46.541, 97.843
Yxy	10.5954, 0.4330, 0.4944
Android (android.graphics.Color)	4284833024 (0xFF655D00)
YUV	84.7900, -41.8015, 14.2162
Hunter-Lab	32.5506, -6.0676, 19.9513

# Details

The Android color **4284833024** is a dark color, and the websafe version is hex **666600**. A complement of this color would be **4278192229**, and the grayscale version is **4283782485**.

A 20% lighter version of the original color is **4288384825**, and **4281479168** is the 20% darker color. If you saturate the color by 10%, you get **4284833024**, and if you desaturate by 10%, it is **4284833290**.

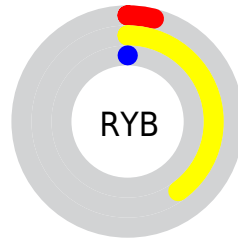
# Distribution



Red (40%)

Green (36%)

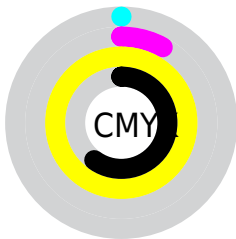
Blue (0%)



Red (4%)

Yellow (40%)

Blue (0%)

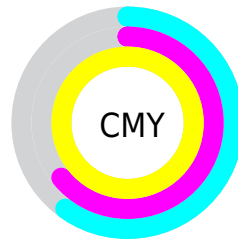


Cyan (0%)

Magenta (8%)

Yellow (100%)

Black (60%)



Cyan (60%)

Magenta (64%)

Yellow (100%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4284833024 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 4284833024 by changing the saturation by 10% instead.





4284833024



4284833024



4294967286



4283123200



4288384825



4281479168



4290226514



4279900928



4292133996



4278190080



4294041734



4294966689



4294967229



4294967257



4284833024

■ 4284833290

■ 4284833556

■ 4284833566

■ 4284833832

■ 4284834099

■ 4284834365

■ 4284834631

■ 4284834641

■ 4284834907

# Harmonies

## Analogous

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



4286861072



4284833024



4282148378

# Triad

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



4284833024



4278217865



4287642745

# Complementary

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



4284833024



4278192229

# 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.



4285091224



4284833024



4278216609

# Square

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



4284833024



4278218085



4278476199



4288623955

# Rectangle

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



4284833024



4278872625



4278476199



4286988676



# Sweetspot

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



4284833024



4286742363



4284809224



4282531882



4290953922



4282532418



# Same Dimension

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



4284833024



4286740480



4282082560



4281545518



4285753856



4294106880



# Inverse Universe

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



4278192229



4278192770



4280942693



4281216563



4278192499



4278195186



# Previews

## White Background



This preview shows how the Android color 4284833024 looks on a white background.

## Color Contrast Check

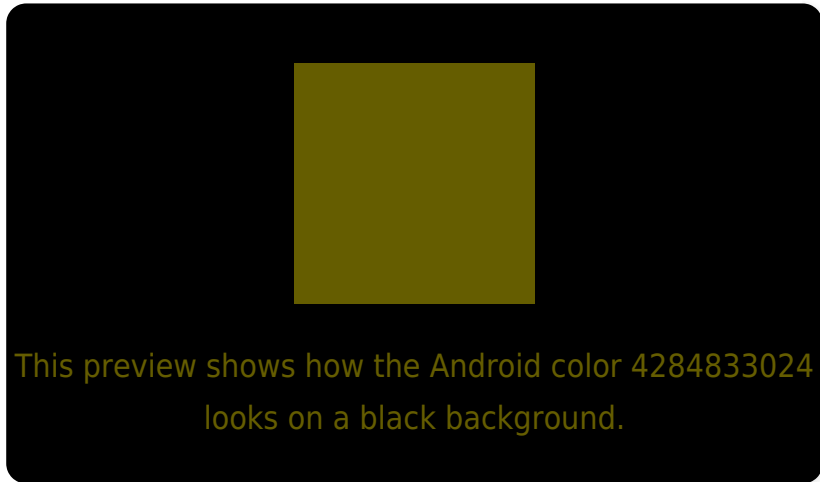
Large Text (above 18pt) WCAG AA ✓ Pass

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 4284833024 Background



This preview shows how black text looks on a background with the Android color 4284833024.



This preview shows how white text looks on a background with the Android color 4284833024.

# 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**


4284833024

**Protanopia**

4285029376

**Deuteranopia**

4285814540



**Tritanopia**  
4285224541

# Trichromacy



**Original Color**  
4284833024

**Protanomaly**  
4284963840

**Deuteranomaly**  
4285487368

**Tritanomaly**  
4285094203

# Monochromacy



**Original Color**  
4284833024

**Achromatopsia**  
4283782485

**Achromatomaly**  
4284176438

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4284833024 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(101, 93, 0)` looks like.

```
.text, #text, p{  
    color:rgb(101, 93, 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(101, 93, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(101, 93, 0) }
```

## Border

The CSS property to change the border of an element to Android 4284833024 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(101, 93, 0) }
```

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

```
.border{ border-color:rgb(101, 93, 0) }
```

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

Here you see how a box with a 4 pixel rgb(101, 93, 0) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(101, 93, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(101, 93, 0);  
box-shadow:4px 4px 4px 4px rgb(101, 93, 0)  
}
```

# Background

The CSS property to change the background color of an element to Android 4284833024 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(101, 93, 0) }
```

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

```
.background{ background-color: rgb(101, 93,  
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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