

# Converting Colors

Android(4284946688)

Have a look what the booklet for  
Android(4284946688) contains.

<b>Android(4284946688)</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(4284946688)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	671900
RGB	103, 25, 0
RGB Percent	40%, 10%, 0%
CMY	0.5961, 0.9020, 1.0000
CMYK	0.00, 0.76, 1.00, 0.60
HSL	15°, 100%, 20%
HSV	15°, 100%, 40%
XYZ	5.9411, 3.5788, 0.3776
YIQ	45.4720, 54.5130, 8.7610

# Conversions

## Conversions Part 2

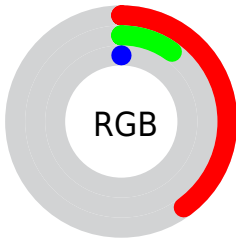
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	103, 33, 0
Decimal	6756608
CIE Lab	22.23, 33.66, 32.92
CIE LCh	22, 47.083, 44.363
Yxy	3.5788, 0.6003, 0.3616
Android (android.graphics.Color)	4284946688 (0xFF671900)
YUV	45.4720, -22.4177, 50.4521
Hunter-Lab	18.9178, 22.9520, 12.0589

# Details

The Android color **4284946688** is a dark color, and the websafe version is hex **660000**. A complement of this color would be **4278210151**, and the grayscale version is **4281216558**.

A 20% lighter version of the original color is **4288694831**, and **4281401344** is the 20% darker color. If you saturate the color by 10%, you get **4284946688**, and if you desaturate by 10%, it is **4284948746**.

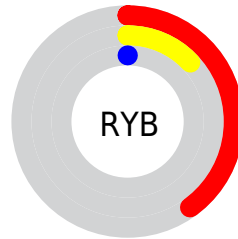
# Distribution



Red (40%)

Green (10%)

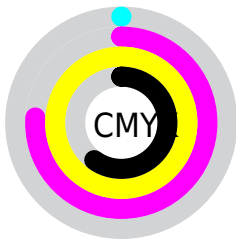
Blue (0%)



Red (40%)

Yellow (13%)

Blue (0%)

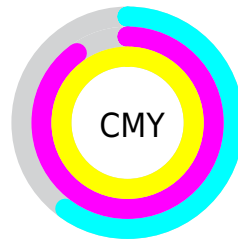


Cyan (0%)

Magenta (76%)

Yellow (100%)

Black (60%)



Cyan (60%)

Magenta (90%)

Yellow (100%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4284946688 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 4284946688 by changing the saturation by 10% instead.



 4284946688

 4284946688

 4294967267

 4283105280

 4288694831

 4281401344

 4290667334

 4278190080

 4292640094

 4294613111

 4294947729

 4294954923

 4294962119

 4284946688

■ 4284948746

■ 4284950805

■ 4284952607

■ 4284954665

■ 4284956724

■ 4284958782

■ 4284960840

■ 4284962642

■ 4284964701

# Harmonies

## Analogous

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



4285595686



4284946688



4283510016

# Triad

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



4284946688



4278207265



4278203514

# Complementary

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



4284946688



4278210151

# 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.



4278206329



4284946688



4278207558

# Square

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



4284946688



4278206208



4278207334



4283048552

# Rectangle

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



4284946688



4282267136



4278207334



4278204540



# Sweetspot

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



4284946688



4287064159



4284940367



4282724908



4291085508



4282729797



# Same Dimension

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



4284946688



4287045888



4284959744



4281544494



4285733888



4294064896



# Inverse Universe

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



4278210151



4278216327



4278197095



4281217587



4278212467

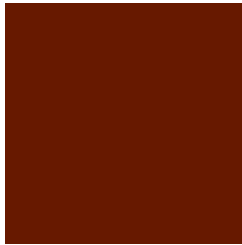


4278237170



# Previews

## White Background



This preview shows how the Android color 4284946688 looks on a white background.

## Color Contrast Check

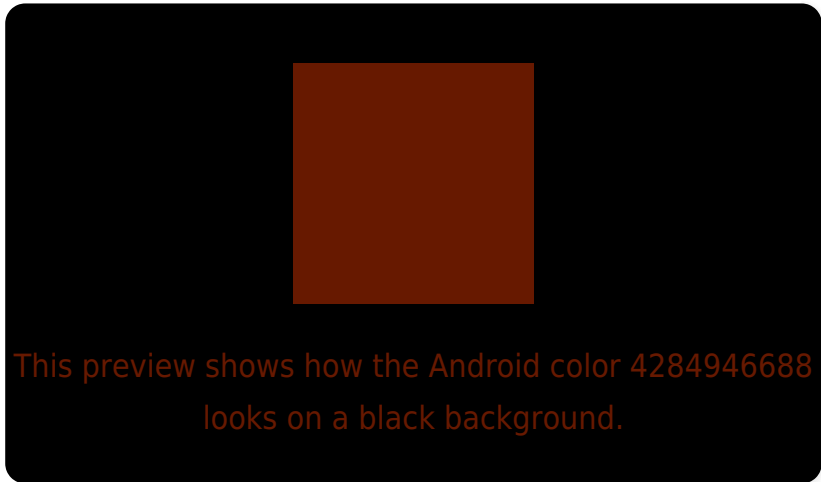
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

# Black Background



## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

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 4284946688 Background



This preview shows how black text looks on a background with the Android color 4284946688.



This preview shows how white text looks on a background with the Android color 4284946688.

# 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**  
4284946688

**Protanopia**  
4282267404

**Deuteranopia**  
4282790912



# Trichromacy



**Original Color**

4284946688

**Protanomaly**

4283247624

**Deuteranomaly**

4283574784

**Tritanomaly**

4284946447

# Monochromacy



**Original Color**

4284946688

**Achromatopsia**

4281150765

**Achromatomaly**

4282525213

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4284946688 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, 25, 0)` looks like.

```
.text, #text, p{  
    color:rgb(103, 25, 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(103, 25, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(103, 25, 0) }
```

## Border

The CSS property to change the border of an element to Android 4284946688 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, 25, 0) }
```

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

```
.border{ border-color:rgb(103, 25, 0) }
```

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

Here you see how a box with a 4 pixel rgb(103, 25, 0) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(103, 25, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(103, 25, 0);  
box-shadow:4px 4px 4px 4px rgb(103, 25, 0)  
}
```

# Background

The CSS property to change the background color of an element to Android 4284946688 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(103, 25, 0) }
```

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

```
.background{ background-color: rgb(103, 25,  
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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