

# Converting Colors

Android(4284366080)

Have a look what the booklet for  
Android(4284366080) contains.

<b>Android(4284366080)</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(4284366080)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	5E3D00
RGB	94, 61, 0
RGB Percent	37%, 24%, 0%
CMY	0.6314, 0.7608, 1.0000
CMYK	0.00, 0.35, 1.00, 0.63
HSL	39°, 100%, 18%
HSV	39°, 100%, 37%
XYZ	6.2848, 5.7172, 0.7723
YIQ	63.9130, 39.2490, -11.9750

# Conversions

## Conversions Part 2

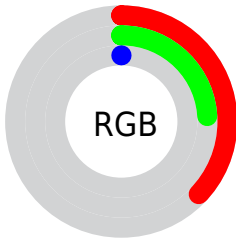
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	51, 94, 0
Decimal	6176000
CIE <sub>Lab</sub>	28.69, 9.57, 38.41
CIE <sub>LCh</sub>	29, 39.589, 76.011
Yxy	5.7172, 0.4920, 0.4476
Android (android.graphics.Color)	4284366080 (0xFF5E3D00)
YUV	63.9130, -31.5091, 26.3863
Hunter-Lab	23.9106, 5.0747, 14.8224

# Details

The Android color **4284366080** is a dark color, and the websafe version is hex **663300**. A complement of this color would be **4278198622**, and the grayscale version is **4282400832**.

A 20% lighter version of the original color is **4287917105**, and **4280947456** is the 20% darker color. If you saturate the color by 10%, you get **4284366080**, and if you desaturate by 10%, it is **4284366857**.

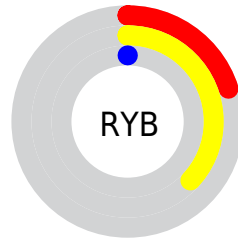
# Distribution



Red (37%)

Green (24%)

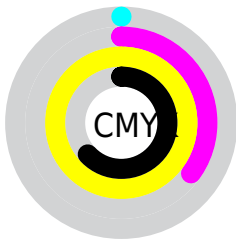
Blue (0%)



Red (20%)

Yellow (37%)

Blue (0%)

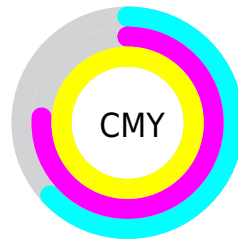


Cyan (0%)

Magenta (35%)

Yellow (100%)

Black (63%)



Cyan (63%)

Magenta (76%)

Yellow (100%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4284366080 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 4284366080 by changing the saturation by 10% instead.



 4284366080

 4284366080

 4294967273

 4282656512

 4287917105

 4280947456

 4289824073

 4278845440

 4291666018

 4278190080

 4293639036

 4294956694

 4294964145

 4294967245

 4284366080

■ 4284366857

■ 4284367891

■ 4284368668

■ 4284369446

■ 4284370479

■ 4284371256

■ 4284372034

■ 4284372811

■ 4284373845

# Harmonies

## Analogous

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



4285673496



4284366080



4282599168

# Triad

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



4284366080



4278211156



4284036206

# Complementary

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



4284366080



4278198622

# 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.



4280500863



4284366080



4278210671

# Square

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



4284366080



4278210868



4278209407



4285736787

# Rectangle

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



4284366080



4281093132



4278209407



4283185525



# Sweetspot

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



4284366080



4286213718



4284350498



4282201383



4290624957



4282203453



# Same Dimension

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



4284366080



4286205696



4283522560



4281216041



4285417216



4293761536



# Inverse Universe

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



4278198622



4278201210



4279042142



4280888110



4278199918

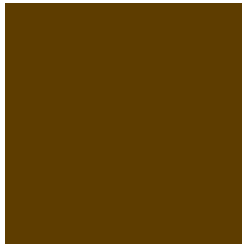


4278211565



# Previews

## White Background



This preview shows how the Android color 4284366080 looks on a white background.

## Color Contrast Check

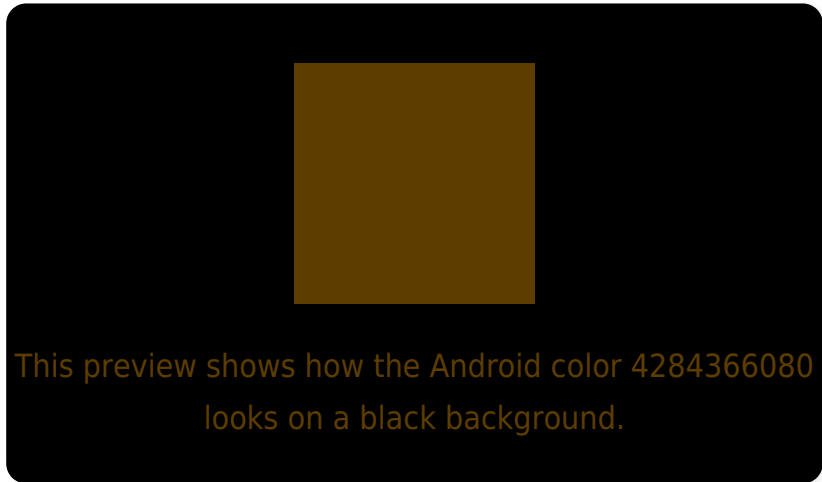
Large Text (above 18pt) WCAG AA ✓ Pass

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 4284366080 Background



This preview shows how black text looks on a background with the Android color 4284366080.



This preview shows how white text looks on a background with the Android color 4284366080.

# 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**

4284366080

**Protanopia**

4283253767

**Deuteranopia**

4283842816



# Trichromacy



**Original Color**

4284366080

**Protanomaly**

4283646212

**Deuteranomaly**

4284039168

**Tritanomaly**

4284430887

# Monochromacy



**Original Color**

4284366080

**Achromatopsia**

4282400832

**Achromatomaly**

4283121449

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4284366080 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(94, 61, 0)` looks like.

```
.text, #text, p{  
    color:rgb(94, 61, 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(94, 61, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(94, 61, 0) }
```

## Border

The CSS property to change the border of an element to Android 4284366080 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(94, 61, 0) }
```

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

```
.border{ border-color:rgb(94, 61, 0) }
```

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

Here you see how a box with a 4 pixel `rgb(94, 61, 0)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(94, 61, 0); -webkit-box-shadow:4px  
4px 4px 4px rgb(94, 61, 0); box-shadow:4px  
4px 4px 4px rgb(94, 61, 0) }
```

# Background

The CSS property to change the background color of an element to Android 4284366080 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(94, 61, 0) }
```

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

```
.background{ background-color: rgb(94, 61,  
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](#).



Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

**[Learn more, Memberships starting at \\$2.50/m!](#)**

**Follow me  
on Twitter!**

@ConvertingColor