

# Converting Colors

Android(4289816064)

Have a look what the booklet for  
Android(4289816064) contains.

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# Color

**Android(4289816064)**

# Conversions

## Conversions Part 1

Format	Color
Hex	B16600
RGB	177, 102, 0
RGB Percent	69%, 40%, 0%
CMY	0.3059, 0.6000, 1.0000
CMYK	0.00, 0.42, 1.00, 0.31
HSL	35°, 100%, 35%
HSV	35°, 100%, 69%
XYZ	22.8828, 18.8499, 2.4323
YIQ	112.7970, 77.4420, -15.8220

# Conversions

## Conversions Part 2

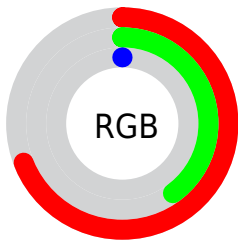
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	130, 177, 0
Decimal	11625984
CIE Lab	50.51, 24.36, 58.35
CIE LCh	51, 63.229, 67.338
Yxy	18.8499, 0.5181, 0.4268
Android (android.graphics.Color)	4289816064 (0xFFB16600)
YUV	112.7970, -55.6089, 56.3060
Hunter-Lab	43.4164, 18.1006, 27.0699

# Details

The Android color **4289816064** is a dark color, and the websafe version is hex **996600**. A complement of this color would be **4278209457**, and the grayscale version is **4285624689**.

A 20% lighter version of the original color is **4293826879**, and **4285937152** is the 20% darker color. If you saturate the color by 10%, you get **4289816064**, and if you desaturate by 10%, it is **4289818130**.

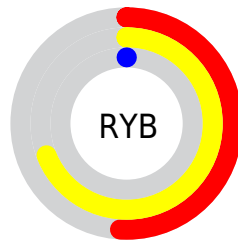
# Distribution



Red (69%)

Green (40%)

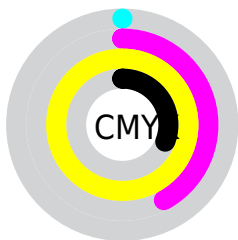
Blue (0%)



Red (51%)

Yellow (69%)

Blue (0%)

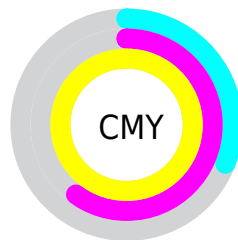


Cyan (0%)

Magenta (42%)

Yellow (100%)

Black (31%)



Cyan (31%)

Magenta (60%)

Yellow (100%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4289816064 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 4289816064 by changing the saturation by 10% instead.





4289816064



4289816064

4294967295



4287843840



4293826879



4285937152



4294947929



4284030976



4294955123



4282190080



4294962318



4280745985



4294967210



4278190080



4294967238



4294967266



4289816064

 4289818130

 4289819939

 4289822005

 4289823815

 4289825625

 4289827690

 4289829756

 4289831566

 4289833631

# Harmonies

## Analogous

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



4291775802



4289816064



4286937600

# Triad

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



4289816064



4278227332



4287194063

# Complementary

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



4289816064



4278209457

# 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.



4278221796



4289816064



4278226873

# Square

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



4289816064



4278226508



4278225372



4290922915

# Rectangle

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



4289816064



4284515072



4278225372



4285230297



# Sweetspot

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



4289816064



4293314721



4289790029



4285751625



4294111986



4285756275



# Same Dimension

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



4289816064



4293297152



4289048832



4284044624



4288239616



4279897856



# Inverse Universe

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



4278209457



4278215142



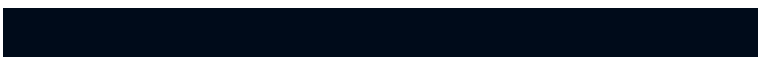
4278976689



4283454553



4278206873

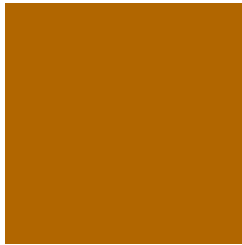


4278192922



# Previews

## White Background



This preview shows how the Android color 4289816064 looks on a white background.

## Color Contrast Check

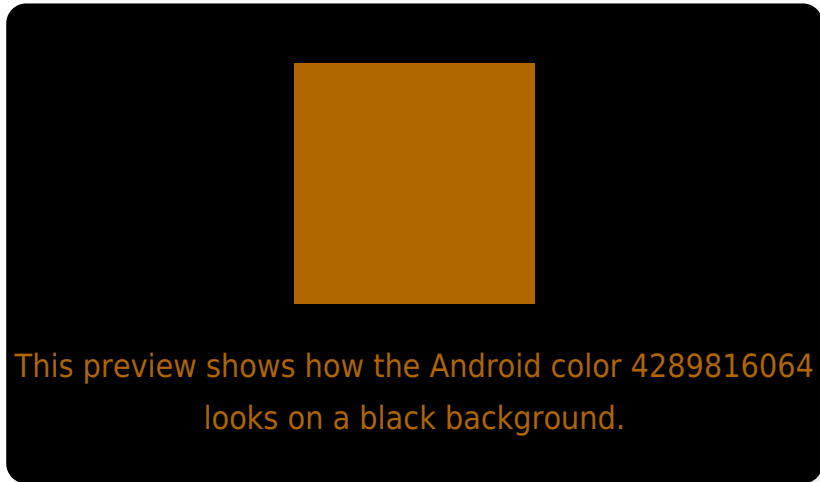
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✗ Fail

Large Text (above 18pt) WCAG AAA ✗ Fail

Any Text WCAG AAA ✗ Fail

# Black 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

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



# Android 4289816064 Background



This preview shows how black text looks on a background with the Android color 4289816064.



This preview shows how white text looks on a background with the Android color 4289816064.

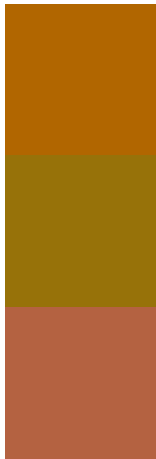
# Color Blindness Simulation

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



# Trichromacy



**Original Color**  
4289816064

**Protanomaly**  
4288115209

**Tritanomaly**  
4290011713

# Monochromacy



**Original Color**  
4289816064

**Achromatopsia**  
4285624689

**Achromatomaly**  
4287130952

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4289816064 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(177, 102, 0)` looks like.

```
.text, #text, p{  
    color:rgb(177, 102, 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(177, 102, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(177, 102, 0) }
```

## Border

The CSS property to change the border of an element to Android 4289816064 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(177, 102, 0) }
```

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

```
.border{ border-color:rgb(177, 102, 0) }
```

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

Here you see how a box with a 4 pixel `rgb(177, 102, 0)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(177, 102, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(177, 102, 0);  
box-shadow:4px 4px 4px 4px rgb(177, 102,  
0) }
```

# Background

The CSS property to change the background color of an element to Android 4289816064 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(177, 102, 0) }
```

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

```
.background{ background-color: rgb(177,  
102, 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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