

# Converting Colors

Android(4291917352)

Have a look what the booklet for  
Android(4291917352) contains.

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# Color

**Android(4291917352)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	D17628
RGB	209, 118, 40
RGB Percent	82%, 46%, 16%
CMY	0.1804, 0.5373, 0.8431
CMYK	0.00, 0.44, 0.81, 0.18
HSL	28°, 68%, 49%
HSV	28°, 81%, 82%
XYZ	33.1559, 26.6654, 5.4069
YIQ	136.3170, 79.2740, -4.9660

# Conversions

## Conversions Part 2

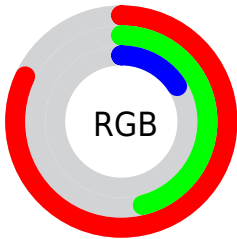
Format	Color
R <sub>Y</sub> B	209, 185, 40
Decimal	13727272
CIE Lab	58.66, 30.15, 55.22
CIE LCh	59, 62.913, 61.365
Yxy	26.6654, 0.5083, 0.4088
Android (android.graphics.Color)	4291917352 (0xFFD17628)
YUV	136.3170, -47.4843, 63.7430
Hunter-Lab	51.6385, 24.2434, 29.9389

# Details

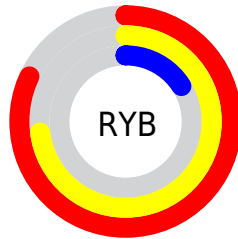
The Android color **4291917352** is a dark color, and the websafe version is hex **CC6600**. The color can be described as dark washed orange. A complement of this color would be **4280845265**, and the grayscale version is **4287203721**.

A 20% lighter version of the original color is **4294945628**, and **4287906816** is the 20% darker color. If you saturate the color by 10%, you get **4291914515**, and if you desaturate by 10%, it is **4291920189**.

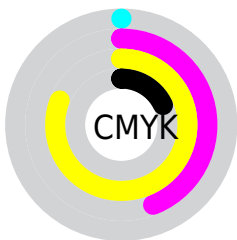
# Distribution



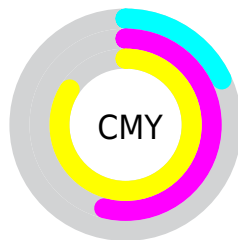
- Red (82%)
- Green (46%)
- Blue (16%)



- Red (82%)
- Yellow (73%)
- Blue (16%)



- Cyan (0%)
- Magenta (44%)
- Yellow (81%)
- Black (18%)



- Cyan (18%)
- Magenta (54%)
- Yellow (84%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4291917352 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 4291917352 by changing the saturation by 10% instead.




 4291917352       4291917352

4294967295       4289879305

 4294945628       4287906816

 4294952566       4286000384

 4294960016       4284093696

 4294967212       4282253312

 4294967240       4280680449

 4294967268       4278190080

 4291917352       4291917352

 4291914515       4291920189

■ 4291911680

■ 4291923282

■ 4291926119

■ 4291928956

■ 4291931793

■ 4291934885

■ 4291937722

■ 4291940559

■ 4291943396

# Harmonies

## Analogous

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



4293680983



4291917352



4289104642

# Triad

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



4291917352



4278232974



4287593964

# Complementary

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



4291917352



4280845265

# 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.



4278227964



4291917352



4278232773

# Square

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



4291917352



4278231893



4278231278



4291912899

# Rectangle

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



4291917352



4286748179



4278231278



4285367796



# Sweetspot

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



4291917352



4294958786



4291897477



4286606427



4278190080



4286611584



# Same Dimension

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



4291917352



4294933000



4291938600



4285096798



4289220096



4280881920



# Inverse Universe

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



4280845265



4278750719



4280824017



4284376169



4278213544



4278195753



# Previews

## White Background



This preview shows how the Android color 4291917352 looks on a white background.

## Color Contrast Check

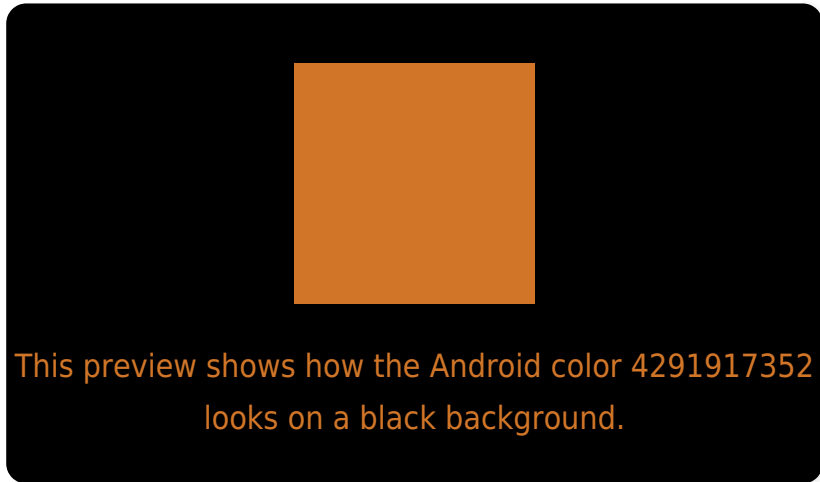
Large Text (above 18pt) WCAG AA ✓ Pass

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 4291917352 Background



This preview shows how black text looks on a background with the Android color 4291917352.



This preview shows how white text looks on a background with the Android color 4291917352.

# 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**  
4291917352

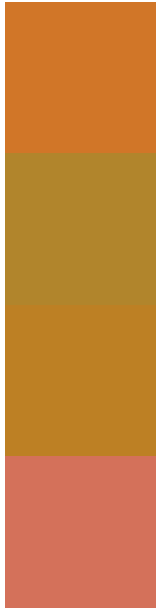
**Protanopia**  
4288646702

**Deuteranopia**  
4289889825



**Tritanopia**  
4292177526

# Trichromacy



**Original Color**  
4291917352

**Protanomaly**  
4289824044

**Deuteranomaly**  
4290609188

**Tritanomaly**  
4292112730

# Monochromacy



**Original Color**  
4291917352

**Achromatopsia**  
4287137928

**Achromatomaly**  
4288905573

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4291917352 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(209, 118, 40)` looks like.

```
.text, #text, p{  
    color:rgb(209, 118, 40)  
}
```

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(209, 118, 40) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(209, 118, 40) }
```

## Border

The CSS property to change the border of an element to Android 4291917352 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(209, 118, 40) }
```

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

```
.border{ border-color:rgb(209, 118, 40) }
```

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

Here you see how a box with a 4 pixel `rgb(209, 118, 40)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(209, 118, 40); -webkit-box-  
shadow:4px 4px 4px 4px rgb(209, 118, 40);  
box-shadow:4px 4px 4px 4px rgb(209, 118,  
40) }
```

# Background

The CSS property to change the background color of an element to Android 4291917352 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(209, 118, 40) }
```

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

```
.background{ background-color: rgb(209,  
118, 40) }
```

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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