

# Converting Colors

Android(4292435988)

Have a look what the booklet for  
Android(4292435988) contains.

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# Color

**Android(4292435988)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	D96014
RGB	217, 96, 20
RGB Percent	85%, 38%, 8%
CMY	0.1490, 0.6235, 0.9216
CMYK	0.00, 0.56, 0.91, 0.15
HSL	23°, 83%, 46%
HSV	23°, 91%, 85%
XYZ	32.9244, 23.1680, 3.3984
YIQ	123.5150, 96.5120, 2.0160

# Conversions

## Conversions Part 2

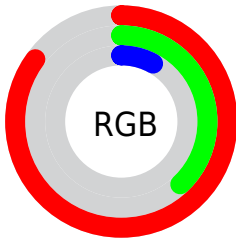
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	217, 144, 20
Decimal	14245908
CIE <sub>Lab</sub>	55.24, 44.06, 59.87
CIE <sub>LCh</sub>	55, 74.334, 53.646
Yxy	23.1680, 0.5534, 0.3894
Android (android.graphics.Color)	4292435988 (0xFFD96014)
YUV	123.5150, -51.0329, 81.9863
Hunter-Lab	48.1331, 37.8661, 29.5071

# Details

The Android color **4292435988** 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 **4279537113**, and the grayscale version is **4286348412**.

A 20% lighter version of the original color is **4294939978**, and **4288293888** is the 20% darker color. If you saturate the color by 10%, you get **4292432896**, and if you desaturate by 10%, it is **4292439338**.

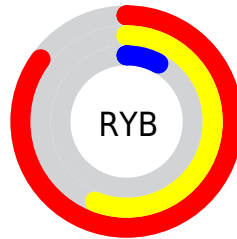
# Distribution



Red (85%)

Green (38%)

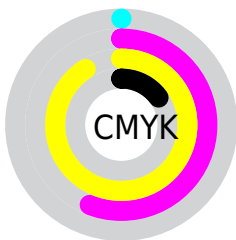
Blue (8%)



Red (85%)

Yellow (56%)

Blue (8%)

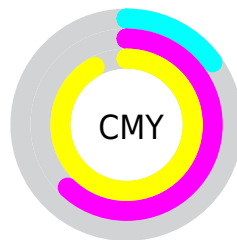


Cyan (0%)

Magenta (56%)

Yellow (91%)

Black (15%)



Cyan (15%)

Magenta (62%)

Yellow (92%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4292435988 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 4292435988 by changing the saturation by 10% instead.



 4292435988

 4292435988

4294967295

 4290332160

 4294939978

 4288293888

 4294947172

 4286319872

 4294954367

 4284284928

 4294961818

 4282449920

 4294967221

 4280614913

 4294967249

 4278190080

 4294967278

 4292435988

 4292435988

■ 4292432896

■ 4292439338

■ 4292442943

■ 4292446293

■ 4292449643

■ 4292453249

■ 4292456598

■ 4292459948

■ 4292463554

■ 4292466903

# Harmonies

## Analogous

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



4294066005



4292435988



4289428736

# Triad

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



4292435988



4278231156



4284447228

# Complementary

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



4292435988



4279537113

# 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.



4278227199



4292435988



4278231478

# Square

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



4292435988



4278229808



4278230508



4290992338

# Rectangle

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



4292435988



4286941952



4278230508



4278223615



# Sweetspot

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



4292435988



4294956474



4292416653



4286604887



4278190080



4286611584



# Same Dimension

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



4292435988



4294926848



4292461076



4285425507



4289544960



4281209344

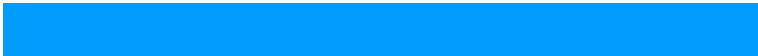


# Inverse Universe

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



4279537113



4278230527



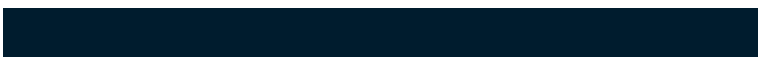
4279512025



4284705134



4278217645



4278197294



# Previews

## White Background



This preview shows how the Android color 4292435988 looks on a white background.

## Color Contrast Check

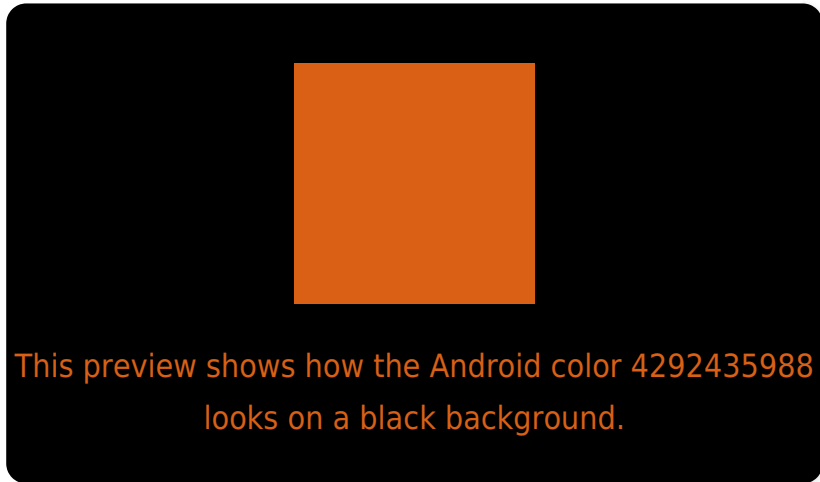
Large Text (above 18pt) WCAG AA ✓ Pass

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 4292435988 Background



This preview shows how black text looks on a background with the Android color 4292435988.



This preview shows how white text looks on a background with the Android color 4292435988.

# 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



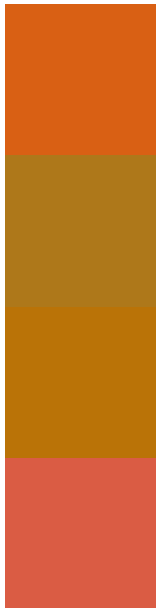
**Original Color**  
4292435988

**Protanopia**  
4287989022

**Deuteranopia**  
4289232384



# Trichromacy



**Original Color**  
4292435988

**Protanomaly**  
4289624090

**Deuteranomaly**  
4290409223

**Tritanomaly**  
4292500548

# Monochromacy



**Original Color**  
4292435988

**Achromatopsia**  
4286348412

**Achromatomaly**  
4288574038

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4292435988 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(217, 96, 20)` looks like.

```
.text, #text, p{  
    color:rgb(217, 96, 20)  
}
```

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(217, 96, 20) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(217, 96, 20) }
```

## Border

The CSS property to change the border of an element to Android 4292435988 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(217, 96, 20) }
```

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

```
.border{ border-color:rgb(217, 96, 20) }
```

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

Here you see how a box with a 4 pixel `rgb(217, 96, 20)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(217, 96, 20); -webkit-box-  
shadow:4px 4px 4px 4px rgb(217, 96, 20);  
box-shadow:4px 4px 4px 4px rgb(217, 96,  
20) }
```

# Background

The CSS property to change the background color of an element to Android 4292435988 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(217, 96, 20) }
```

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

```
.background{ background-color: rgb(217, 96,  
20) }
```

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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