

# Converting Colors

Android(4291385600)

Have a look what the booklet for  
Android(4291385600) contains.

<b>Android(4291385600)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	11
<b><i>Previews</i></b> .....	23
<b><i>Color Blindness Simulation</i></b> .....	26
<b><i>CSS Examples</i></b> .....	29

# Color

**Android(4291385600)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	C95900
RGB	201, 89, 0
RGB Percent	79%, 35%, 0%
CMY	0.2118, 0.6510, 1.0000
CMYK	0.00, 0.56, 1.00, 0.21
HSL	27°, 100%, 39%
HSV	27°, 100%, 79%
XYZ	27.6598, 19.5623, 2.3181
YIQ	112.3420, 95.3210, -3.9350

# Conversions

## Conversions Part 2

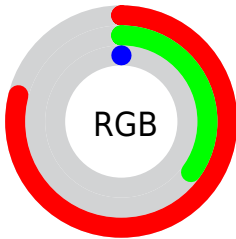
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	201, 160, 0
Decimal	13195520
CIE <sub>Lab</sub>	51.34, 41.09, 60.67
CIE <sub>LCh</sub>	51, 73.274, 55.894
Yxy	19.5623, 0.5583, 0.3949
Android (android.graphics.Color)	4291385600 (0xFFC95900)
YUV	112.3420, -55.3846, 77.7531
Hunter-Lab	44.2292, 34.2279, 27.8531

# Details

The Android color **4291385600** is a dark color, and the websafe version is hex **CC6600**. The color can be described as dark washed red. A complement of this color would be **4278218953**, and the grayscale version is **4285624689**.

A 20% lighter version of the original color is **4294937918**, and **4287309312** is the 20% darker color. If you saturate the color by 10%, you get **4291385600**, and if you desaturate by 10%, it is **4291388436**.

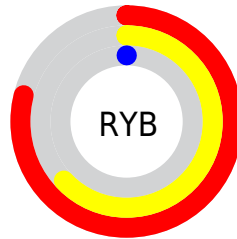
# Distribution



Red (79%)

Green (35%)

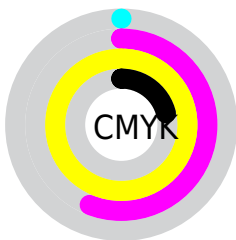
Blue (0%)



Red (79%)

Yellow (63%)

Blue (0%)

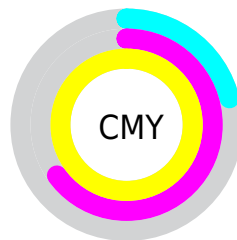


Cyan (0%)

Magenta (56%)

Yellow (100%)

Black (21%)



Cyan (21%)

Magenta (65%)


Yellow (100%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4291385600 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 4291385600 by changing the saturation by 10% instead.



 4291385600

 4291385600

4294967294

 4289347328

 4294937918

 4287309312

 4294945112

 4285335040

 4294952306

 4283367424

 4294959501

 4281663489


 4294966952


 4278845440

 4294967236

 4278190080

 4294967265

 4291385600

 4291388436

 4291391272

 4291394364

 4291397200

 4291400037

 4291402873

 4291405709

 4291408801

 4291411637

# Harmonies

## Analogous

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



4293146184



4291385600



4288378112

# Triad

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



4291385600



4278228335



4284444396

# Complementary

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



4291385600



4278218953

# 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.



4278224377



4291385600



4278228400

# Square

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



4291385600



4278226989



4278227426



4290530242

# Rectangle

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



4291385600



4285891072



4278227426



4278220788



# Sweetspot

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



4291385600



4294956211



4291362930



4286604882



4278190080



4286611584



# Same Dimension

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



4291385600



4294930688



4291410944



4284702298



4288890880



4280553472

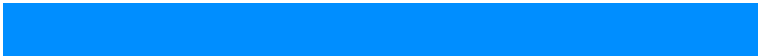


# Inverse Universe

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



4278218953



4278226687



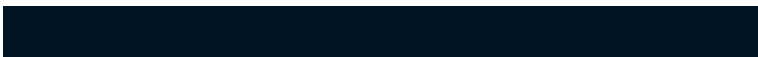
4278193609



4284112739



4278213539



4278195236



# Previews

## White Background



This preview shows how the Android color 4291385600 looks on a white background.

## Color Contrast Check

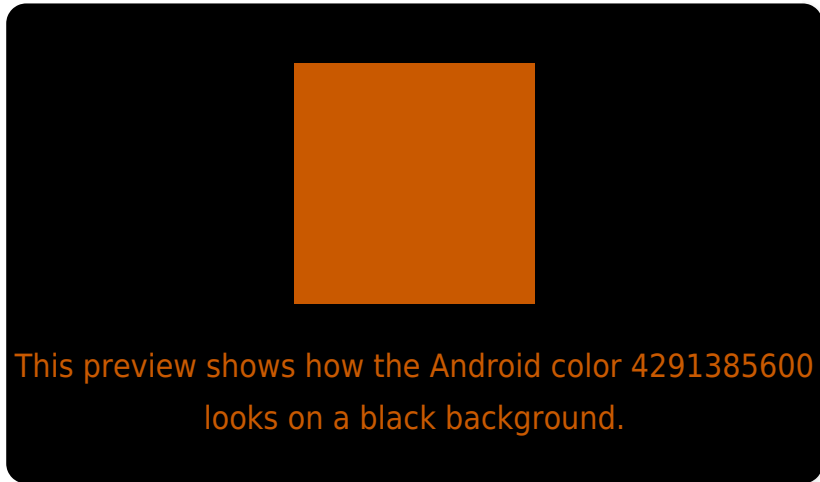
Large Text (above 18pt) WCAG AA ✓ Pass

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 4291385600 Background



This preview shows how black text looks on a background with the Android color 4291385600.



This preview shows how white text looks on a background with the Android color 4291385600.

# 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



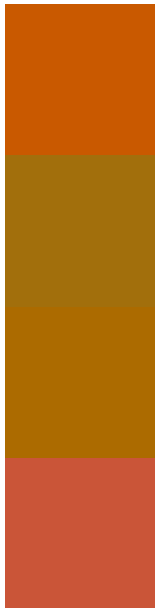
**Original Color**  
4291385600

**Protanopia**  
4287331091

**Deuteranopia**  
4288378112



# Trichromacy



**Original Color**  
4291385600

**Protanomaly**  
4288835340

**Deuteranomaly**  
4289489664

**Tritanomaly**  
4291450168

# Monochromacy



**Original Color**  
4291385600

**Achromatopsia**  
4285558896

**Achromatomaly**  
4287653959

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4291385600 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(201, 89, 0)` looks like.

```
.text, #text, p{  
    color:rgb(201, 89, 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(201, 89, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(201, 89, 0) }
```

## Border

The CSS property to change the border of an element to Android 4291385600 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(201, 89, 0) }
```

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

```
.border{ border-color:rgb(201, 89, 0) }
```

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

Here you see how a box with a 4 pixel `rgb(201, 89, 0)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(201, 89, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(201, 89, 0);  
box-shadow:4px 4px 4px 4px rgb(201, 89, 0)  
}
```

# Background

The CSS property to change the background color of an element to Android 4291385600 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(201, 89, 0) }
```

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

```
.background{ background-color: rgb(201, 89,  
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