

Converting Colors

Android(4291706112)

Have a look what the booklet for
Android(4291706112) contains.

Android(4291706112)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Android(4291706112)

Conversions

Conversions Part 1

Format	Color
Hex	CE3D00
RGB	206, 61, 0
RGB Percent	81%, 24%, 0%
CMY	0.1922, 0.7608, 1.0000
CMYK	0.00, 0.70, 1.00, 0.19
HSL	18°, 100%, 40%
HSV	18°, 100%, 81%
XYZ	27.1223, 16.4593, 1.7475
YIQ	97.4010, 106.0010, 11.7690

Conversions

Conversions Part 2

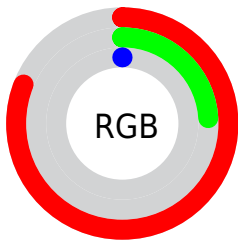
Format	Color
RYB	206, 87, 0
Decimal	13516032
CIELab	47.57, 55.16, 59.16
CIElCh	48, 80.888, 47.000
Yxy	16.4593, 0.5983, 0.3631
Android (android.graphics.Color)	4291706112 (0xFFCE3D00)
YUV	97.4010, -48.0187, 95.2413
Hunter-Lab	40.5701, 48.3352, 25.8453

Details

The Android color **4291706112** is a dark color, and the websafe version is hex **CC3300**. The color can be described as dark washed red. A complement of this color would be **4278227406**, and the grayscale version is **4284637794**.

A 20% lighter version of the original color is **4294931770**, and **4287496192** is the 20% darker color. If you saturate the color by 10%, you get **4291706112**, and if you desaturate by 10%, it is **4291709973**.

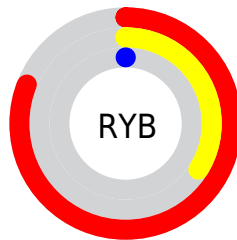
Distribution



Red (81%)

Green (24%)

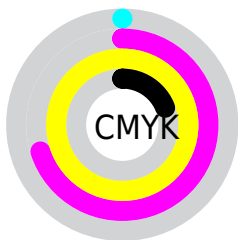
Blue (0%)



Red (81%)

Yellow (34%)

Blue (0%)

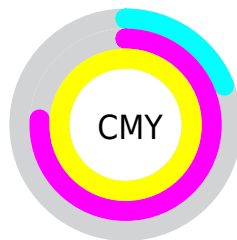


Cyan (0%)

Magenta (70%)

Yellow (100%)

Black (19%)



Cyan (19%)

Magenta (76%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the Android color 4291706112 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 4291706112 by changing the saturation by 10% instead.

 4291706112

 4291706112

 4294967287

 4289600768

 4294931770

 4287496192

 4294938707

 4285464576

 4294945901

 4283498496

 4294953351

 4281663490


 4294960802


 4278452224


 4294967230


 4278190080


 4294967258

 4291706112


 4291709973


 4291713577

 4291717438

 4291721042

 4291724903

 4291728508

 4291732368

 4291735973

 4291739833

Harmonies

Analogous

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



4293132366



4291706112



4288832256

Triad

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



4291706112



4278225744



4278217974

Complementary

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



4291706112



4278227406

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.



4278223608



4291706112



4278226327

Square

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



4291706112



4278224384



4278225877



4288759503

Rectangle

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



4291706112



4286345984



4278225877



4278220283

Sweetspot

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



4291706112



4294953395



4291690644



4286603090



4278190080



4286611584

Same Dimension

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



4291706112



4294921216



4291731712



4284899164



4289081600



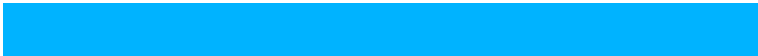
4280683264

Inverse Universe

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



4278227406



4278236159



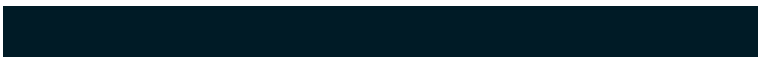
4278201806



4284244838



4278220198



4278197030

Previews

White Background



This preview shows how the Android color 4291706112 looks on a white background.

Color Contrast Check

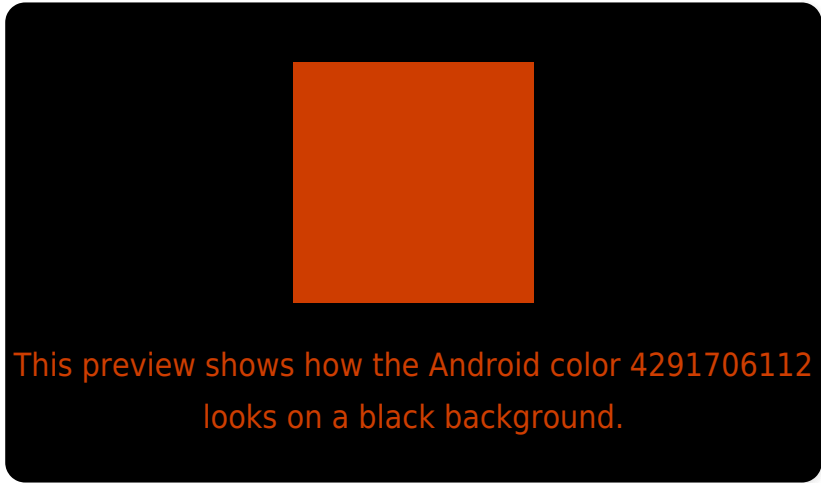
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black 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

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

Android 4291706112 Background



This preview shows how black text looks on a background with the Android color 4291706112.



This preview shows how white text looks on a background with the Android color 4291706112.

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

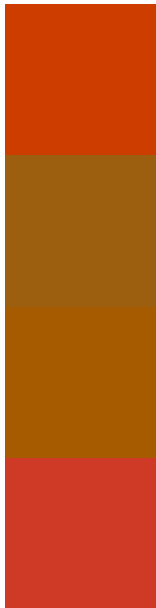


Original Color
4291706112

Protanopia
4286607895

Deuteranopia
4287589376

Trichromacy



Original Color
4291706112

Protanomaly
4288438031

Deuteranomaly
4289092352

Tritanomaly
4291770918

Monochromacy



Original Color
4291706112

Achromatopsia
4284572001

Achromatomaly
4287190078

CSS Examples

Text

The CSS property to change the color of the text to Android 4291706112 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(206, 61, 0)` looks like.

```
.text, #text, p{  
    color:rgb(206, 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(206, 61, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(206, 61, 0) }
```

Border

The CSS property to change the border of an element to Android 4291706112 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(206, 61, 0) }
```

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

```
.border{ border-color:rgb(206, 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(206, 61, 0)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(206, 61, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(206, 61, 0);  
box-shadow:4px 4px 4px 4px rgb(206, 61, 0)  
}
```

Background

The CSS property to change the background color of an element to Android 4291706112 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(206, 61, 0) }
```

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

```
.background{ background-color: rgb(206, 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