

Converting Colors

Android(4291836416)

Have a look what the booklet for
Android(4291836416) contains.

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Color

Android(4291836416)

Conversions

Conversions Part 1

Format	Color
Hex	D03A00
RGB	208, 58, 0
RGB Percent	82%, 23%, 0%
CMY	0.1843, 0.7725, 1.0000
CMYK	0.00, 0.72, 1.00, 0.18
HSL	17°, 100%, 41%
HSV	17°, 100%, 82%
XYZ	27.5255, 16.4360, 1.7217
YIQ	96.2380, 108.0180, 13.7620

Conversions

Conversions Part 2

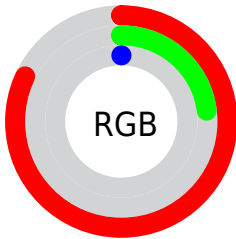
Format	Color
RYB	208, 80, 0
Decimal	13646336
CIELab	47.54, 56.92, 59.35
CIElCh	48, 82.235, 46.201
Yxy	16.4360, 0.6025, 0.3598
Android (android.graphics.Color)	4291836416 (0xFFD03A00)
YUV	96.2380, -47.4453, 98.0153
Hunter-Lab	40.5413, 50.2449, 25.8610

Details

The Android color **4291836416** 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 **4278228688**, and the grayscale version is **4284572001**.

A 20% lighter version of the original color is **4294931258**, and **4287627264** is the 20% darker color. If you saturate the color by 10%, you get **4291836416**, and if you desaturate by 10%, it is **4291840277**.

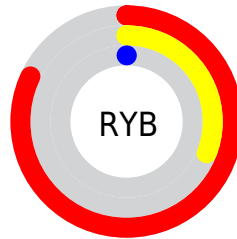
Distribution



Red (82%)

Green (23%)

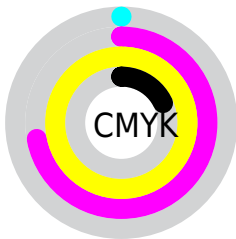
Blue (0%)



Red (82%)

Yellow (31%)

Blue (0%)

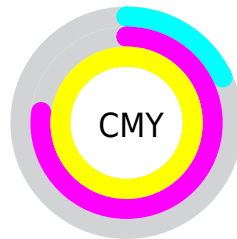


Cyan (0%)

Magenta (72%)

Yellow (100%)

Black (18%)



Cyan (18%)

Magenta (77%)


Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the Android color 4291836416 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 4291836416 by changing the saturation by 10% instead.

 4291836416

 4291836416

 4294967287

 4289730560

 4294931258

 4287627264

 4294938195

 4285595648

 4294945645

 4283564032

 4294952839

 4281794562


 4294960290


 4278714368

 4294967230

 4278190080


 4294967258

 4291836416

 4291840277

 4291844138


 4291847998

 4291851859

 4291855720

 4291859581

 4291863442

 4291867302

 4291871163

Harmonies

Analogous

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



4293197903



4291836416



4288963072

Triad

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



4291836416



4278225741



4278218232

Complementary

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



4291836416



4278228688

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.



4278223865



4291836416



4278226326

Square

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



4291836416



4278224128



4278226133



4288628434

Rectangle

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



4291836416



4286411520



4278226133



4278220541

Sweetspot

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



4291836416



4294953139



4291821721



4286602834



4278190080



4286611584

Same Dimension

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



4291836416



4294919936



4291862272



4285096286



4289212160



4280879872

Inverse Universe

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



4278228688



4278237439



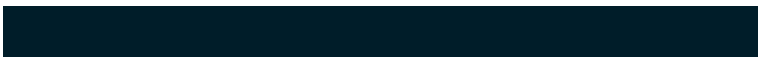
4278202832



4284376681



4278221224



4278197545

Previews

White Background



This preview shows how the Android color 4291836416 looks on a white background.

Color Contrast Check

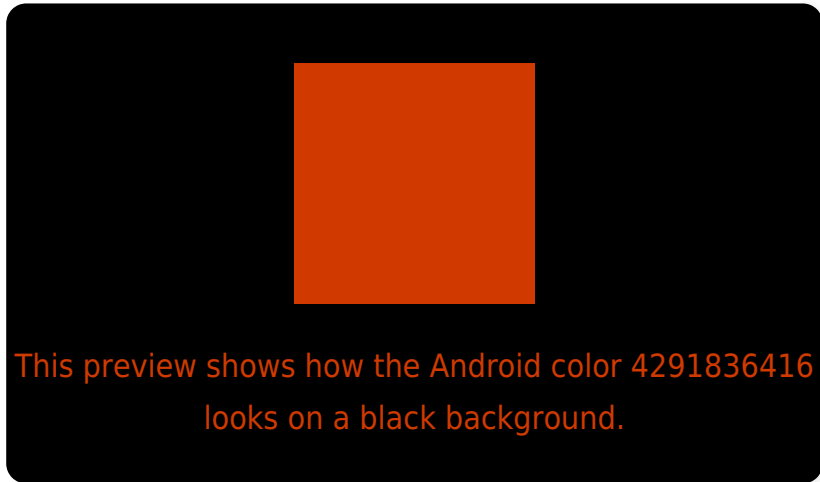
Large Text (above 18pt) WCAG AA ✓ Pass

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 4291836416 Background



This preview shows how black text looks on a background with the Android color 4291836416.



This preview shows how white text looks on a background with the Android color 4291836416.

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

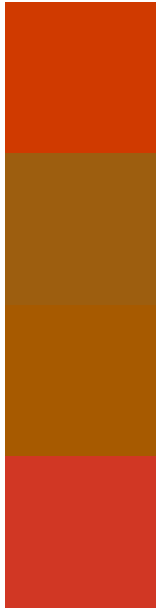


Original Color
4291836416

Protanopia
4286607895

Deuteranopia
4287589376

Trichromacy



Original Color
4291836416

Protanomaly
4288503311

Deuteranomaly
4289157632

Tritanomaly
4291901220

Monochromacy



Original Color
4291836416

Achromatopsia
4284506208

Achromatomaly
4287189565

CSS Examples

Text

The CSS property to change the color of the text to Android 4291836416 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(208, 58, 0)` looks like.

```
.text, #text, p{  
    color:rgb(208, 58, 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(208, 58, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(208, 58, 0) }
```

Border

The CSS property to change the border of an element to Android 4291836416 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(208, 58, 0) }
```

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

```
.border{ border-color:rgb(208, 58, 0) }
```

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

Here you see how a box with a 4 pixel rgb(208, 58, 0) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(208, 58, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(208, 58, 0);  
box-shadow:4px 4px 4px 4px rgb(208, 58, 0)  
}
```

Background

The CSS property to change the background color of an element to Android 4291836416 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(208, 58, 0) }
```

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

```
.background{ background-color: rgb(208, 58,  
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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