

Converting Colors

Android(4291970816)

Have a look what the booklet for
Android(4291970816) contains.

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Color

Android(4291970816)

Conversions

Conversions Part 1

Format	Color
Hex	D24700
RGB	210, 71, 0
RGB Percent	82%, 28%, 0%
CMY	0.1765, 0.7216, 1.0000
CMYK	0.00, 0.66, 1.00, 0.18
HSL	20°, 100%, 41%
HSV	20°, 100%, 82%
XYZ	28.8316, 18.2081, 1.9949
YIQ	104.4670, 105.6350, 7.3870

Conversions

Conversions Part 2

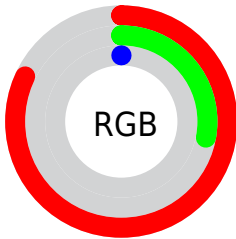
Format	Color
R_{YB}	210, 107, 0
Decimal	13780736
CIE _{Lab}	49.75, 52.56, 60.63
CIE _{LCh}	50, 80.242, 49.080
Yxy	18.2081, 0.5880, 0.3713
Android (android.graphics.Color)	4291970816 (0xFFD24700)
YUV	104.4670, -51.5022, 92.5524
Hunter-Lab	42.6710, 45.9333, 27.0978

Details

The Android color **4291970816** 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 **4278225874**, and the grayscale version is **4285098345**.

A 20% lighter version of the original color is **4294934076**, and **4287758592** is the 20% darker color. If you saturate the color by 10%, you get **4291970816**, and if you desaturate by 10%, it is **4291974421**.

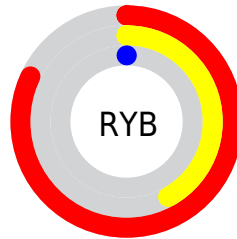
Distribution



Red (82%)

Green (28%)

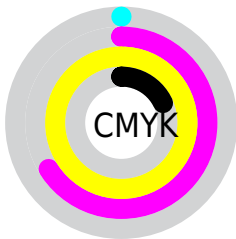
Blue (0%)



Red (82%)

Yellow (42%)

Blue (0%)

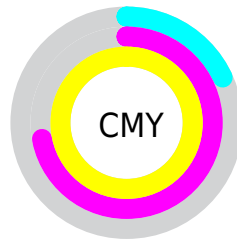


Cyan (0%)

Magenta (66%)

Yellow (100%)

Black (18%)



Cyan (18%)


Magenta (72%)


Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the Android color 4291970816 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 4291970816 by changing the saturation by 10% instead.

 4291970816

 4291970816

 4294967290

 4289866240

 4294934076

 4287758592

 4294941013

 4285726720

 4294948207

 4283760640

 4294955658

 4282056706

 4294963109

 4279435264

 4294967233

 4278190080

 4294967261


 4291970816

 4291974421


 4291978026


 4291981631

 4291985236

 4291988841

 4291992190

 4291995795

 4291999400

 4292003005

Harmonies

Analogous

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



4293463119



4291970816



4288965376

Triad

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



4291970816



4278227290



4278219001

Complementary

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



4291970816



4278225874

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.



4278224638



4291970816



4278227873

Square

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



4291970816



4278225920



4278227165



4289481169

Rectangle

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



4291970816



4286413312



4278227165



4278221311

Sweetspot

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



4291970816



4294954163



4291952780



4286603602



4278190080



4286611584

Same Dimension

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



4291970816



4294923776



4291997440



4285096542



4289214720



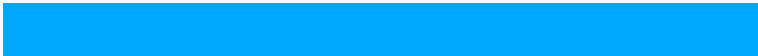
4280880640

Inverse Universe

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



4278225874



4278233599



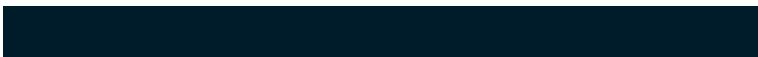
4278199250



4284376425



4278218664



4278197033

Previews

White Background



This preview shows how the Android color 4291970816 looks on a white background.

Color Contrast Check

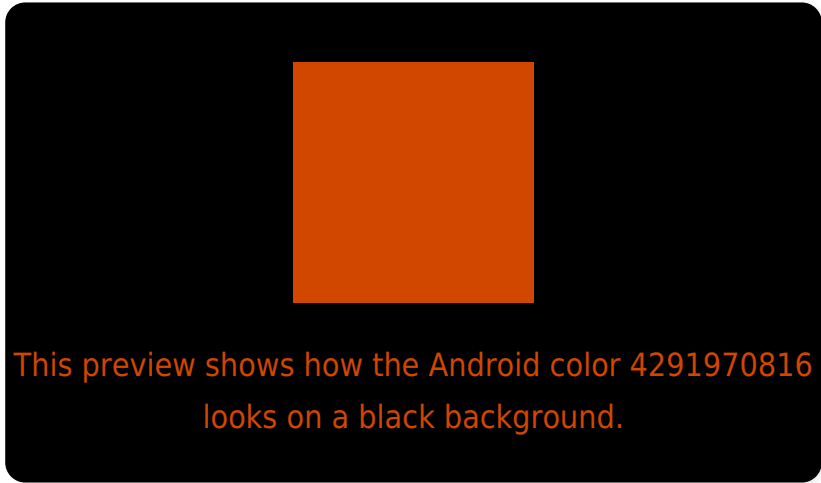
Large Text (above 18pt) WCAG AA ✓ Pass

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 ✓ 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 4291970816 Background



This preview shows how black text looks on a background with the Android color 4291970816.



This preview shows how white text looks on a background with the Android color 4291970816.

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

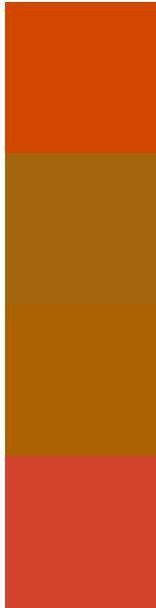


Original Color
4291970816

Protanopia
4287002390

Deuteranopia
4288049408

Trichromacy



Original Color
4291970816

Protanomaly
4288833038

Deuteranomaly
4289487360

Tritanomaly
4292035629

Monochromacy



Original Color
4291970816

Achromatopsia
4285032552

Achromatomaly
4287585346

CSS Examples

Text

The CSS property to change the color of the text to Android 4291970816 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(210, 71, 0)` looks like.

```
.text, #text, p{  
    color:rgb(210, 71, 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(210, 71, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(210, 71, 0) }
```

Border

The CSS property to change the border of an element to Android 4291970816 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(210, 71, 0) }
```

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

```
.border{ border-color:rgb(210, 71, 0) }
```

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

Here you see how a box with a 4 pixel rgb(210, 71, 0) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(210, 71, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(210, 71, 0);  
box-shadow:4px 4px 4px 4px rgb(210, 71, 0)  
}
```

Background

The CSS property to change the background color of an element to Android 4291970816 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(210, 71, 0) }
```

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

```
.background{ background-color: rgb(210, 71,  
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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