

Converting Colors

Android(4291446786)

Have a look what the booklet for
Android(4291446786) contains.

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Color

Android(4291446786)

Conversions

Conversions Part 1

Format	Color
Hex	CA4802
RGB	202, 72, 2
RGB Percent	79%, 28%, 1%
CMY	0.2078, 0.7176, 0.9922
CMYK	0.00, 0.64, 0.99, 0.21
HSL	21°, 98%, 40%
HSV	21°, 99%, 79%
XYZ	26.6854, 17.1957, 1.9700
YIQ	102.8900, 99.9500, 5.7900

Conversions

Conversions Part 2

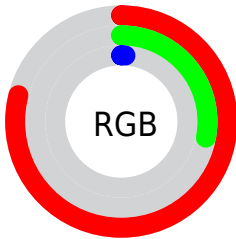
Format	Color
R _Y B	202, 110, 2
Decimal	13256706
CIE Lab	48.51, 49.36, 58.71
CIE LCh	49, 76.704, 49.945
Yxy	17.1957, 0.5820, 0.3750
Android (android.graphics.Color)	4291446786 (0xFFCA4802)
YUV	102.8900, -49.7388, 86.9195
Hunter-Lab	41.4677, 42.3007, 26.2106

Details

The Android color **4291446786** 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 **4278355146**, and the grayscale version is **4284966759**.

A 20% lighter version of the original color is **4294934076**, and **4287301632** is the 20% darker color. If you saturate the color by 10%, you get **4291446528**, and if you desaturate by 10%, it is **4291450134**.

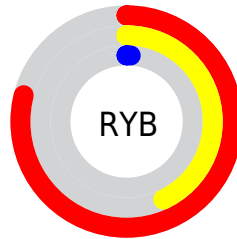
Distribution



Red (79%)

Green (28%)

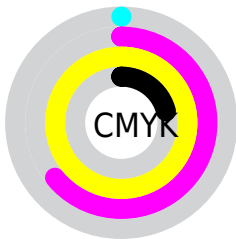
Blue (1%)



Red (79%)

Yellow (43%)

Blue (1%)

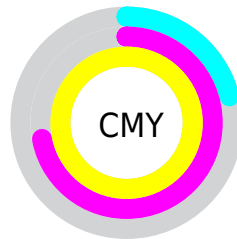


Cyan (0%)

Magenta (64%)

Yellow (99%)

Black (21%)



Cyan (21%)

Magenta (72%)

Yellow (99%)

Brightness & Saturation Gradients

These gradients show how the Android color 4291446786 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 4291446786 by changing the saturation by 10% instead.

 4291446786

 4291446786

 4294967291

 4289342464

 4294934076

 4287301632


 4294941014

 4285267968

 4294948208

 4283367424

 4294955402


 4281597954


 4294962853

 4278190080

 4294967233

 4294967262

 4291446786

 4291446786

■ 4291446528

■ 4291450134

■ 4291453482

■ 4291456831

■ 4291460435

■ 4291463783

■ 4291467131

■ 4291470479

■ 4291473828

■ 4291477176

Harmonies

Analogous

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



4292942156



4291446786



4288571648

Triad

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



4291446786



4278226266



4279987439

Complementary

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



4291446786



4278355146

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.



4278223605



4291446786



4278226846

Square

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



4291446786



4278224907



4278226134



4289284296

Rectangle

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



4291446786



4286150400



4278226134



4278220277

Sweetspot

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



4291446786



4294954419



4291428996



4286603858



4278190080



4286611584

Same Dimension

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



4291446786



4294924544



4291472386



4284899164



4289083904



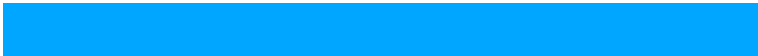
4280683776

Inverse Universe

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



4278355146



4278232831



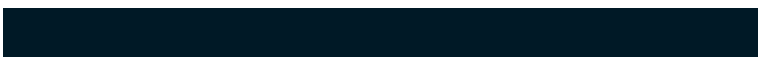
4278329546



4284244582



4278217894



4278196518

Previews

White Background



This preview shows how the Android color 4291446786 looks on a white background.

Color Contrast Check

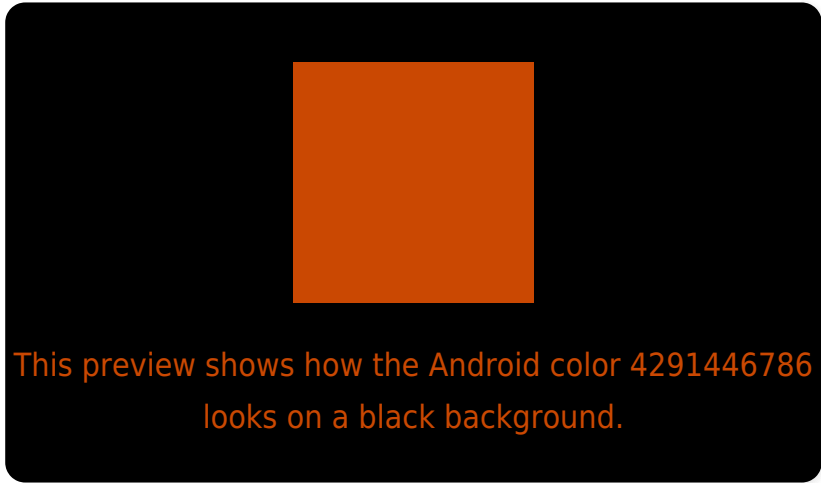
Large Text (above 18pt) WCAG AA ✓ Pass

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 4291446786 Background



This preview shows how black text looks on a background with the Android color 4291446786.



This preview shows how white text looks on a background with the Android color 4291446786.

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
4291446786

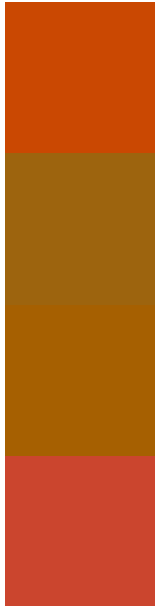
Protanopia
4286805013

Deuteranopia
4287786496



Tritanopia
4291511111

Trichromacy



Original Color
4291446786

Protanomaly
4288504846

Deuteranomaly
4289093633

Tritanomaly
4291511598

Monochromacy



Original Color
4291446786

Achromatopsia
4284966759

Achromatomaly
4287323202

CSS Examples

Text

The CSS property to change the color of the text to Android 4291446786 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(202, 72, 2)` looks like.

```
.text, #text, p{  
    color:rgb(202, 72, 2)  
}
```

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(202, 72, 2) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(202, 72, 2) }
```

Border

The CSS property to change the border of an element to Android 4291446786 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(202, 72, 2) }
```

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

```
.border{ border-color:rgb(202, 72, 2) }
```

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

Here you see how a box with a 4 pixel `rgb(202, 72, 2)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(202, 72, 2); -webkit-box-  
shadow:4px 4px 4px 4px rgb(202, 72, 2);  
box-shadow:4px 4px 4px 4px rgb(202, 72, 2)  
}
```

Background

The CSS property to change the background color of an element to Android 4291446786 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(202, 72, 2) }
```

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

```
.background{ background-color: rgb(202, 72,  
2) }
```

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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