

Converting Colors

Android(4291706412)

Have a look what the booklet for
Android(4291706412) contains.

Android(4291706412)	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(4291706412)

Conversions

Conversions Part 1

Format	Color
Hex	CE3E2C
RGB	206, 62, 44
RGB Percent	81%, 24%, 17%
CMY	0.1922, 0.7569, 0.8275
CMYK	0.00, 0.70, 0.79, 0.19
HSL	7°, 65%, 49%
HSV	7°, 79%, 81%
XYZ	27.6308, 16.7489, 4.1594
YIQ	103.0040, 91.6020, 24.9300

Conversions

Conversions Part 2

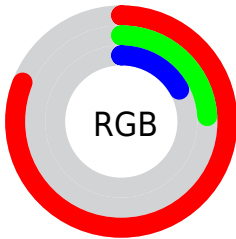
Format	Color
RYB	206, 64, 44
Decimal	13516332
CIELab	47.94, 55.61, 42.89
CIELCh	48, 70.228, 37.639
Yxy	16.7489, 0.5692, 0.3451
Android (android.graphics.Color)	4291706412 (0xFFCE3E2C)
YUV	103.0040, -29.0890, 90.3275
Hunter-Lab	40.9254, 48.8949, 22.6219

Details

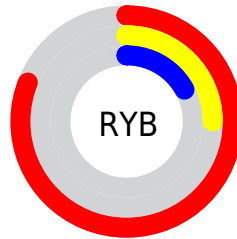
The Android color **4291706412** is a dark color, and the websafe version is hex **CC3333**. The color can be described as dark muted red. A complement of this color would be **4281121998**, and the grayscale version is **4284966759**.

A 20% lighter version of the original color is **4294932059**, and **4287627264** is the 20% darker color. If you saturate the color by 10%, you get **4291701783**, and if you desaturate by 10%, it is **4291711041**.

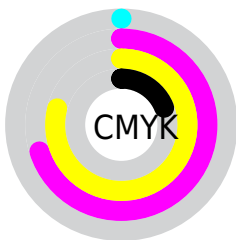
Distribution



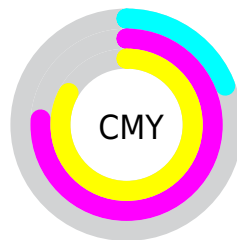
- Red (81%)
- Green (24%)
- Blue (17%)



- Red (81%)
- Yellow (25%)
- Blue (17%)



- Cyan (0%)
- Magenta (70%)
- Yellow (79%)
- Black (19%)



- Cyan (19%)
- Magenta (76%)
- Yellow (83%)

Brightness & Saturation Gradients

These gradients show how the Android color 4291706412 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 4291706412 by changing the saturation by 10% instead.



4291706412



4291706412

4294967295



4289666581



4294932059



4287627264



4294939252



4285595648



4294946446



4283564032



4294953897



4281794562



4294961348



4278779904



4294967265



4278190080

4294967293



4291706412



4291706412

■ 4291701783

■ 4291711041

■ 4291696899

■ 4291715925

■ 4291696384

■ 4291720554

■ 4291725182

■ 4291730067

■ 4291734696

■ 4291739324

■ 4291743953

■ 4291748837

Harmonies

Analogous

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



4292354917



4291706412



4289551872

Triad

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



4291706412



4278225217



4278220265

Complementary

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



4291706412



4281121998

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.



4278224096



4291706412



4278225792

Square

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



4291706412



4282024448



4278225593



4286864081

Rectangle

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



4291706412



4287524352



4278225593



4278221802

Sweetspot

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



4291706412



4294953410



4291701950



4286603099



4278190080



4286611584

Same Dimension

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



4291706412



4294912527



4291726636



4284898652



4289073664



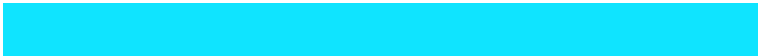
4280681472

Inverse Universe

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



4281121998



4279231743



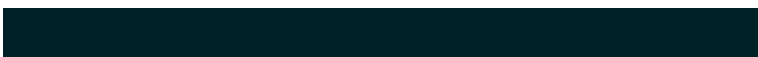
4281101774



4284245350



4278227878



4278198822

Previews

White Background



This preview shows how the Android color 4291706412 looks on a white background.

Color Contrast Check

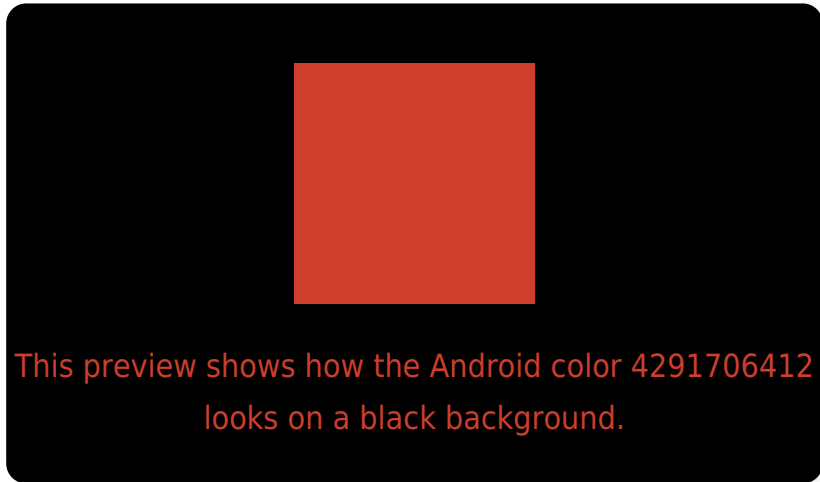
Large Text (above 18pt) WCAG AA ✓ Pass

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 4291706412 Background



This preview shows how black text looks on a background with the Android color 4291706412.



This preview shows how white text looks on a background with the Android color 4291706412.

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
4291706412

Protanopia
4286477115

Deuteranopia
4287655200

Trichromacy



Original Color

4291706412

Protanomaly

4288372790

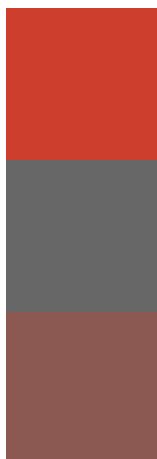
Deuteranomaly

4289158180

Tritanomaly

4291771703

Monochromacy



Original Color

4291706412

Achromatopsia

4284966759

Achromatomaly

4287387730

CSS Examples

Text

The CSS property to change the color of the text to Android 4291706412 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, 62, 44)` looks like.

```
.text, #text, p{  
    color:rgb(206, 62, 44)  
}
```

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, 62, 44) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(206, 62, 44) }
```

Border

The CSS property to change the border of an element to Android 4291706412 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, 62, 44) }
```

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

```
.border{ border-color:rgb(206, 62, 44) }
```

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

Here you see how a box with a 4 pixel rgb(206, 62, 44) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(206, 62, 44); -webkit-box-  
shadow:4px 4px 4px 4px rgb(206, 62, 44);  
box-shadow:4px 4px 4px 4px rgb(206, 62,  
44) }
```

Background

The CSS property to change the background color of an element to Android 4291706412 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(206, 62, 44) }
```

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

```
.background{ background-color: rgb(206, 62,  
44) }
```

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