

Converting Colors

Android(4291898926)

Have a look what the booklet for
Android(4291898926) contains.

Android(4291898926)	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(4291898926)

Conversions

Conversions Part 1

Format	Color
Hex	D12E2E
RGB	209, 46, 46
RGB Percent	82%, 18%, 18%
CMY	0.1804, 0.8196, 0.8196
CMYK	0.00, 0.78, 0.78, 0.18
HSL	0°, 64%, 50%
HSV	0°, 78%, 82%
XYZ	27.7646, 15.7066, 4.1531
YIQ	94.7370, 97.1480, 34.5560

Conversions

Conversions Part 2

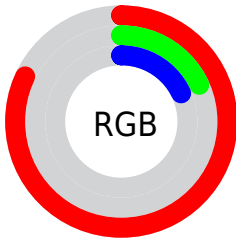
Format	Color
R_{YB}	209, 46, 46
Decimal	13708846
CIE _{Lab}	46.59, 61.99, 40.59
CIE _{LCh}	47, 74.091, 33.215
Yxy	15.7066, 0.5830, 0.3298
Android (android.graphics.Color)	4291898926 (0xFFD12E2E)
YUV	94.7370, -24.0273, 100.2087
Hunter-Lab	39.6315, 55.6966, 21.5289

Details

The Android color **4291898926** is a dark color, and the websafe version is hex **CC3333**. The color can be described as dark washed red. A complement of this color would be **4281258449**, and the grayscale version is **4284440415**.

A 20% lighter version of the original color is **4294928989**, and **4287758336** is the 20% darker color. If you saturate the color by 10%, you get **4291893529**, and if you desaturate by 10%, it is **4291904323**.

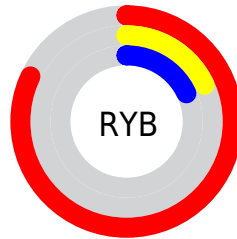
Distribution



Red (82%)

Green (18%)

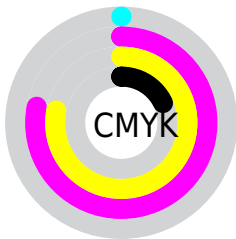
Blue (18%)



Red (82%)

Yellow (18%)

Blue (18%)

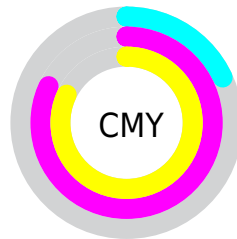


Cyan (0%)

Magenta (78%)

Yellow (78%)

Black (18%)



Cyan (18%)

Magenta (82%)

Yellow (82%)

Brightness & Saturation Gradients

These gradients show how the Android color 4291898926 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 4291898926 by changing the saturation by 10% instead.

 4291898926

 4291898926

4294967295

 4289789976

 4294928989

 4287758336

 4294936438

 4285726720

 4294943632

 4283695105

 4294951082


 4281794562

 4294958534


 4278910976


 4294966242

 4278190080


 4291898926

 4291898926

 4291893529


 4291904323

 4291888132

 4291909720


 4291887104

 4291915117

 4291920514

 4291925911

 4291931051

 4291936448

 4291941845

 4291947242

Harmonies

Analogous

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



4292347499



4291898926



4289811712

Triad

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



4291898926



4278224177



4278220268

Complementary

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



4291898926



4281258449

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.



4278223838



4291898926



4278225012

Square

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



4291898926



4282285312



4278225074



4285553368

Rectangle

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



4291898926



4287784704



4278225074



4278221804

Sweetspot

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



4291898926



4294952132



4291899089



4286602332



4278190080



4286611584

Same Dimension

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



4291898926



4294905615



4291919918



4285095518



4289200128



4280877056

Inverse Universe

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



4281258449



4279238655



4281237713



4284377449



4278233256



4278200617

Previews

White Background



This preview shows how the Android color 4291898926 looks on a white background.

Color Contrast Check

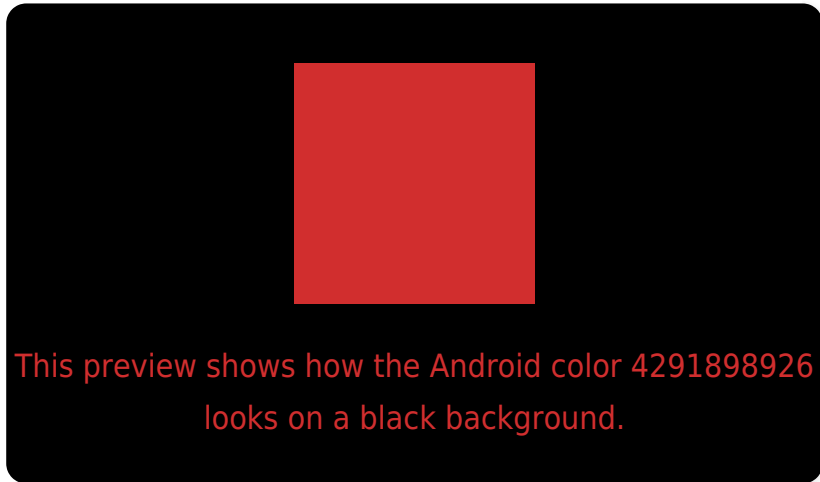
Large Text (above 18pt) WCAG AA ✓ Pass

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 4291898926 Background



This preview shows how black text looks on a background with the Android color 4291898926.



This preview shows how white text looks on a background with the Android color 4291898926.

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
4291898926

Protanopia
4286213953

Deuteranopia
4287326754

Trichromacy



Original Color
4291898926

Protanomaly
4288304954

Deuteranomaly
4288959526

Tritanomaly
4291898927

Monochromacy



Original Color
4291898926

Achromatopsia
4284440415

Achromatomaly
4287122765

CSS Examples

Text

The CSS property to change the color of the text to Android 4291898926 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(209, 46, 46)` looks like.

```
.text, #text, p{  
    color:rgb(209, 46, 46)  
}
```

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(209, 46, 46) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(209, 46, 46) }
```

Border

The CSS property to change the border of an element to Android 4291898926 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(209, 46, 46) }
```

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

```
.border{ border-color:rgb(209, 46, 46) }
```

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

Here you see how a box with a 4 pixel `rgb(209, 46, 46)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(209, 46, 46); -webkit-box-  
shadow:4px 4px 4px 4px rgb(209, 46, 46);  
box-shadow:4px 4px 4px 4px rgb(209, 46,  
46) }
```

Background

The CSS property to change the background color of an element to Android 4291898926 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(209, 46, 46) }
```

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

```
.background{ background-color: rgb(209, 46,  
46) }
```

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