

Converting Colors

Android(4291833646)

Have a look what the booklet for
Android(4291833646) contains.

Android(4291833646)	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(4291833646)

Conversions

Conversions Part 1

Format	Color
Hex	D02F2E
RGB	208, 47, 46
RGB Percent	82%, 18%, 18%
CMY	0.1843, 0.8157, 0.8196
CMYK	0.00, 0.77, 0.78, 0.18
HSL	0°, 64%, 50%
HSV	0°, 78%, 82%
XYZ	27.5221, 15.6402, 4.1531
YIQ	95.0250, 96.2770, 33.8210

Conversions

Conversions Part 2

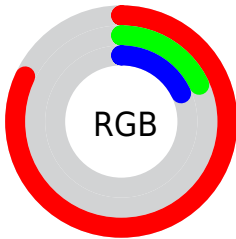
Format	Color
R _Y B	208, 47, 46
Decimal	13643566
CIE Lab	46.50, 61.40, 40.43
CIE LCh	46, 73.515, 33.367
Yxy	15.6402, 0.5817, 0.3306
Android (android.graphics.Color)	4291833646 (0xFFD02F2E)
YUV	95.0250, -24.1693, 99.0791
Hunter-Lab	39.5477, 55.0136, 21.4571

Details

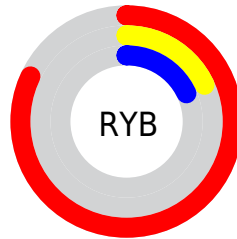
The Android color **4291833646** is a dark color, and the websafe version is hex **CC3333**. The color can be described as dark washed red. A complement of this color would be **4281257936**, and the grayscale version is **4284440415**.

A 20% lighter version of the original color is **4294929245**, and **4287692800** is the 20% darker color. If you saturate the color by 10%, you get **4291828249**, and if you desaturate by 10%, it is **4291839043**.

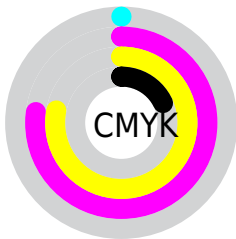
Distribution



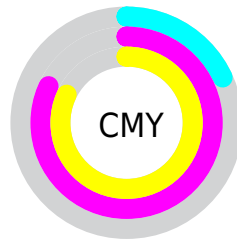
- Red (82%)
- Green (18%)
- Blue (18%)



- Red (82%)
- Yellow (18%)
- Blue (18%)



- Cyan (0%)
- Magenta (77%)
- Yellow (78%)
- Black (18%)



- Cyan (18%)
- Magenta (82%)
- Yellow (82%)

Brightness & Saturation Gradients

These gradients show how the Android color 4291833646 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 4291833646 by changing the saturation by 10% instead.



4291833646



4291833646

4294967295



4289724440



4294929245



4287692800



4294936438



4285661184



4294943888



4283629569



4294951338



4281794562



4294958790



4278714368



4294966242



4278190080



4291833646



4291833646



4291828249



4291839043

■ 4291823108

■ 4291844184

■ 4291821824

■ 4291849580

■ 4291854977

■ 4291860118

■ 4291865515

■ 4291870912

■ 4291876052

■ 4291881449

Harmonies

Analogous

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



4292282986



4291833646



4289746176

Triad

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



4291833646



4278224178



4278220011

Complementary

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



4291833646



4281257936

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.



4278223837



4291833646



4278225012

Square

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



4291833646



4282285312



4278225073



4285618903

Rectangle

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



4291833646



4287784704



4278225073



4278221546

Sweetspot

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



4291833646



4294952388



4291833552



4286602332



4278190080



4286611584

Same Dimension

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



4291833646



4294906642



4291854126



4285095518



4289200384



4280877056

Inverse Universe

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



4281257936



4279435007



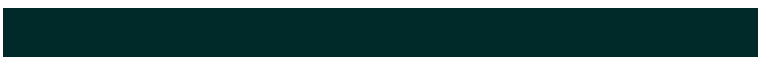
4281237456



4284377193



4278233000



4278200617

Previews

White Background



This preview shows how the Android color 4291833646 looks on a white background.

Color Contrast Check

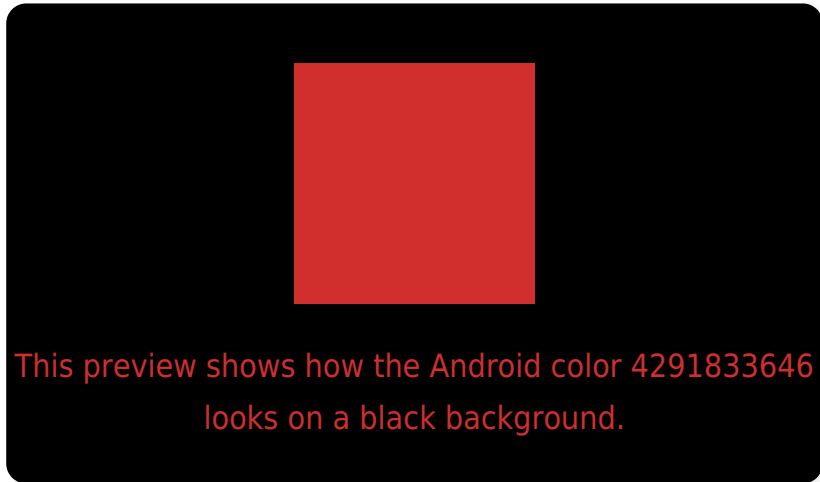
Large Text (above 18pt) WCAG AA ✓ Pass

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 4291833646 Background



This preview shows how black text looks on a background with the Android color 4291833646.



This preview shows how white text looks on a background with the Android color 4291833646.

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
4291833646

Protanopia
4286213953

Deuteranopia
4287326498

Trichromacy



Original Color
4291833646

Protanomaly
4288239674

Deuteranomaly
4288959526

Tritanomaly
4291833647

Monochromacy



Original Color
4291833646

Achromatopsia
4284440415

Achromatomaly
4287123021

CSS Examples

Text

The CSS property to change the color of the text to Android 4291833646 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, 47, 46)` looks like.

```
.text, #text, p{  
    color:rgb(208, 47, 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(208, 47, 46) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(208, 47, 46) }
```

Border

The CSS property to change the border of an element to Android 4291833646 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, 47, 46) }
```

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

```
.border{ border-color:rgb(208, 47, 46) }
```

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

Here you see how a box with a 4 pixel rgb(208, 47, 46) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(208, 47, 46); -webkit-box-  
shadow:4px 4px 4px 4px rgb(208, 47, 46);  
box-shadow:4px 4px 4px 4px rgb(208, 47,  
46) }
```

Background

The CSS property to change the background color of an element to Android 4291833646 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(208, 47, 46) }
```

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

```
.background{ background-color: rgb(208, 47,  
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