

Converting Colors

Android(4291833654)

Have a look what the booklet for
Android(4291833654) contains.

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Color

Android(4291833654)

Conversions

Conversions Part 1

Format	Color
Hex	D02F36
RGB	208, 47, 54
RGB Percent	82%, 18%, 21%
CMY	0.1843, 0.8157, 0.7882
CMYK	0.00, 0.77, 0.74, 0.18
HSL	357°, 63%, 50%
HSV	357°, 77%, 82%
XYZ	27.6948, 15.7093, 5.0625
YIQ	95.9370, 93.7090, 36.3090

Conversions

Conversions Part 2

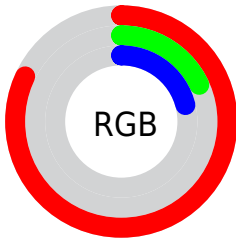
Format	Color
RYB	208, 47, 54
Decimal	13643574
CIELab	46.59, 61.69, 36.00
CIELCh	47, 71.426, 30.264
Yxy	15.7093, 0.5714, 0.3241
Android (android.graphics.Color)	4291833654 (0xFFD02F36)
YUV	95.9370, -20.6749, 98.2793
Hunter-Lab	39.6349, 55.3653, 20.1714

Details

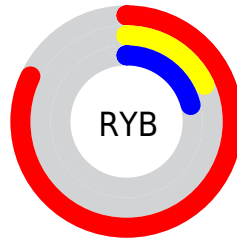
The Android color **4291833654** is a dark color, and the websafe version is hex **CC3333**. The color can be described as dark washed red. A complement of this color would be **4281323721**, and the grayscale version is **4284506208**.

A 20% lighter version of the original color is **4294929253**, and **4287692811** is the 20% darker color. If you saturate the color by 10%, you get **4291828258**, and if you desaturate by 10%, it is **4291839050**.

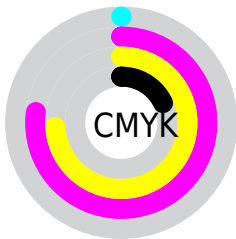
Distribution



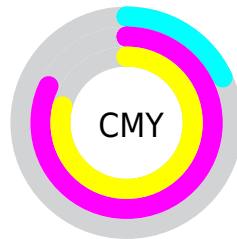
- Red (82%)
- Green (18%)
- Blue (21%)



- Red (82%)
- Yellow (18%)
- Blue (21%)



- Cyan (0%)
- Magenta (77%)
- Yellow (74%)
- Black (18%)





- Cyan (18%)
- Magenta (82%)
- Yellow (79%)

Brightness & Saturation Gradients

These gradients show how the Android color 4291833654 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 4291833654 by changing the saturation by 10% instead.

 4291833654

 4291833654

4294967295

 4289724448

 4294929253

 4287692811

 4294936446

 4285661184

 4294943896

 4283695105

 4294951347

 4281794562

 4294958799

 4278845440


 4294966507

 4278190080

 4291833654

 4291833654

 4291828258

 4291839050

 4291822862

 4291844446

 4291821577

 4291849586

 4291854982

 4291860377

 4291865773

 4291871169

 4291876309

 4291881705

Harmonies

Analogous

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



4292024433



4291833654



4289942272

Triad

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



4291833654



4278223917



4278220520

Complementary

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



4291833654



4281323721

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.



4278223831



4291833654



4278225005

Square

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



4291833654



4283005952



4278225066



4284899031

Rectangle

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



4291833654



4288046336



4278225066



4278222054

Sweetspot

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



4291833654



4294952135



4291309520



4286602333



4278190080



4286611584

Same Dimension

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



4291833654



4294906396



4291852079



4285095519



4289200135



4280877058

Inverse Universe

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



4291833654



4294906396



4281305296



4285095519



4289200135



4280877058

Previews

White Background



This preview shows how the Android color 4291833654 looks on a white background.

Color Contrast Check

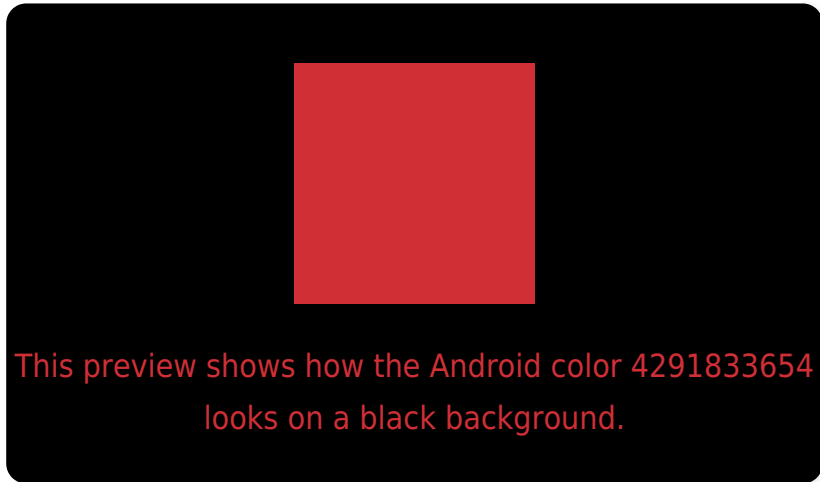
Large Text (above 18pt) WCAG AA ✓ Pass

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 4291833654 Background



This preview shows how black text looks on a background with the Android color 4291833654.

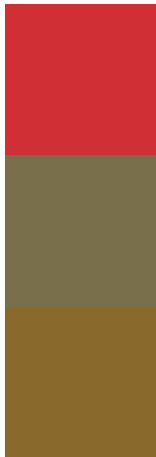


This preview shows how white text looks on a background with the Android color 4291833654.

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
4291833654

Protanopia
4286148427

Deuteranopia
4287261228

Trichromacy



Original Color
4291833654

Protanomaly
4288239683

Deuteranomaly
4288894256

Tritanomaly
4291833907

Monochromacy



Original Color
4291833654

Achromatopsia
4284506208

Achromatomaly
4287188561

CSS Examples

Text

The CSS property to change the color of the text to Android 4291833654 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, 54)` looks like.

```
.text, #text, p{  
    color:rgb(208, 47, 54)  
}
```

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, 54) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(208, 47, 54) }
```

Border

The CSS property to change the border of an element to Android 4291833654 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, 54) }
```

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

```
.border{ border-color:rgb(208, 47, 54) }
```

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, 54) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(208, 47, 54); -webkit-box-  
shadow:4px 4px 4px 4px rgb(208, 47, 54);  
box-shadow:4px 4px 4px 4px rgb(208, 47,  
54) }
```

Background

The CSS property to change the background color of an element to Android 4291833654 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, 54) }
```

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

```
.background{ background-color: rgb(208, 47,  
54) }
```

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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