

Converting Colors

Android(4291166254)

Have a look what the booklet for
Android(4291166254) contains.

Android(4291166254)	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(4291166254)

Conversions

Conversions Part 1

Format	Color
Hex	C6002E
RGB	198, 0, 46
RGB Percent	78%, 0%, 18%
CMY	0.2235, 1.0000, 0.8196
CMYK	0.00, 1.00, 0.77, 0.22
HSL	346°, 100%, 39%
HSV	346°, 100%, 78%
XYZ	23.7818, 12.2030, 3.6867
YIQ	64.4460, 103.2420, 56.2820

Conversions

Conversions Part 2

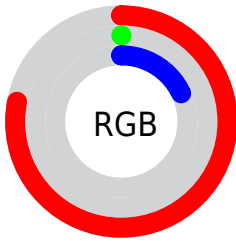
Format	Color
R_{YB}	198, 0, 46
Decimal	12976174
CIE Lab	41.54, 67.06, 34.50
CIE LCh	42, 75.418, 27.222
Yxy	12.2030, 0.5995, 0.3076
Android (android.graphics.Color)	4291166254 (0xFFC6002E)
YUV	64.4460, -9.0939, 117.1269
Hunter-Lab	34.9328, 60.3882, 18.1956

Details

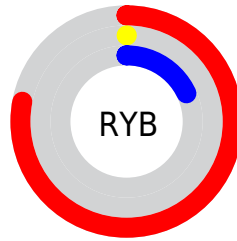
The Android color **4291166254** is a dark color, and the websafe version is hex **CC0033**. The color can be described as dark washed red. A complement of this color would be **4278240920**, and the grayscale version is **4282400832**.

A 20% lighter version of the original color is **4294923356**, and **4287037440** is the 20% darker color. If you saturate the color by 10%, you get **4291166254**, and if you desaturate by 10%, it is **4291171389**.

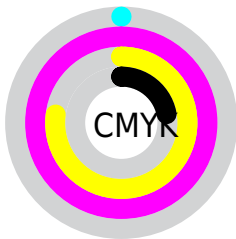
Distribution



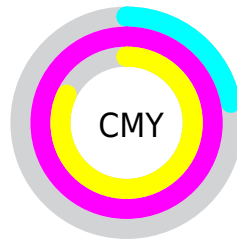
- Red (78%)
- Green (0%)
- Blue (18%)



- Red (78%)
- Yellow (0%)
- Blue (18%)



- Cyan (0%)
- Magenta (100%)
- Yellow (77%)
- Black (22%)



- Cyan (22%)
- Magenta (100%)
- Yellow (82%)

Brightness & Saturation Gradients

These gradients show how the Android color 4291166254 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 4291166254 by changing the saturation by 10% instead.



4291166254



4291166254

4294967295



4289069081



4294923356



4287037440



4294931061



4285005824



4294938510



4283039747



4294945961



4281008129



4294953412



4278190080




4294961120


4294967293





4291166254

 4291171389


 4291176524

 4291181404

 4291186539

 4291191674

 4291196809

 4291201944

 4291206824

 4291211959

Harmonies

Analogous

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



4291231851



4291166254



4289347584

Triad

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



4291166254



4278220563



4278218208

Complementary

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



4291166254



4278240920

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.



4278221003



4291166254



4278221402

Square

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



4291166254



4282412544



4278221722



4282602706

Rectangle

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



4291166254



4287518208



4278221722



4278219485

Sweetspot

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



4291166254



4294947780



4288151750



4286599772



4278190080



4286611584

Same Dimension

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



4291166254



4294901819



4291179776



4284701276



4288872486



4280549384

Inverse Universe

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



4291166254



4294901819



4278227398



4284701276



4288872486



4280549384

Previews

White Background



This preview shows how the Android color 4291166254 looks on a white background.

Color Contrast Check

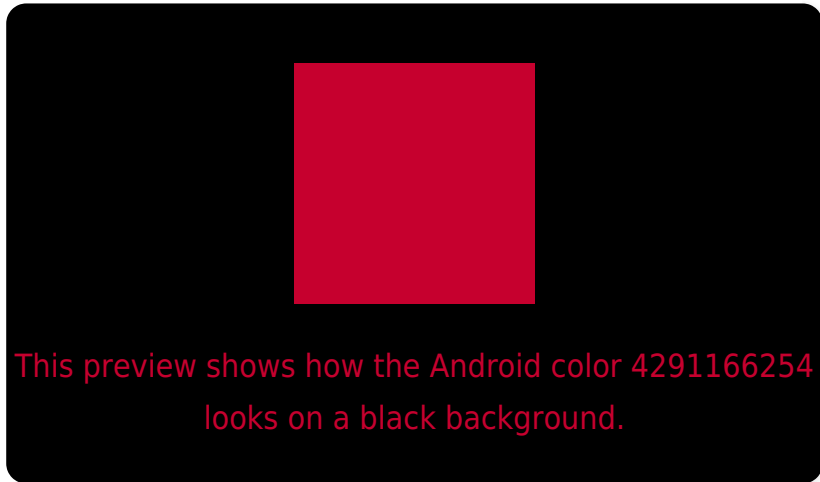
Large Text (above 18pt) WCAG AA ✓ Pass

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 4291166254 Background



This preview shows how black text looks on a background with the Android color 4291166254.



This preview shows how white text looks on a background with the Android color 4291166254.

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
4291166254

Protanopia
4285293638

Deuteranopia
4286471970

Trichromacy



Original Color
4291166254

Protanomaly
4287447101

Deuteranomaly
4288166950

Tritanomaly
4291103767

Monochromacy



Original Color
4291166254

Achromatopsia
4282400832

Achromatomaly
4285606201

CSS Examples

Text

The CSS property to change the color of the text to Android 4291166254 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(198, 0, 46)` looks like.

```
.text, #text, p{  
    color:rgb(198, 0, 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(198, 0, 46) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(198, 0, 46) }
```

Border

The CSS property to change the border of an element to Android 4291166254 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(198, 0, 46) }
```

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

```
.border{ border-color:rgb(198, 0, 46) }
```

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

Here you see how a box with a 4 pixel rgb(198, 0, 46) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(198, 0, 46); -webkit-box-  
shadow:4px 4px 4px 4px rgb(198, 0, 46);  
box-shadow:4px 4px 4px 4px rgb(198, 0, 46)  
}
```

Background

The CSS property to change the background color of an element to Android 4291166254 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(198, 0, 46) }
```

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

```
.background{ background-color: rgb(198, 0,  
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