

Converting Colors

Android(4291101187)

Have a look what the booklet for
Android(4291101187) contains.

| | |
|--|----|
| Android(4291101187) | 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(4291101187)

Conversions

Conversions Part 1

| Format | Color |
|-------------|----------------------------|
| Hex | C50203 |
| RGB | 197, 2, 3 |
| RGB Percent | 77%, 1%, 1% |
| CMY | 0.2275, 0.9922, 0.9882 |
| CMYK | 0.00, 0.99, 0.98, 0.23 |
| HSL | 360°, 98%, 39% |
| HSV | 360°, 99%, 77% |
| XYZ | 23.0641, 11.9203, 1.1714 |
| YIQ | 60.4190, 115.8990, 41.6510 |

Conversions

Conversions Part 2

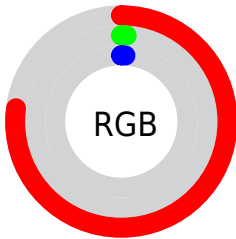
| Format | Color |
|-------------------------------------|--|
| RYB | 197, 2, 3 |
| Decimal | 12911107 |
| CIELab | 41.09, 65.79, 54.28 |
| CIELCh | 41, 85.293, 39.522 |
| Yxy | 11.9203, 0.6379, 0.3297 |
| Android (android.graphics.Color) | 4291101187 (0xFFC50203) |
| YUV | 60.4190, -28.3076, 119.7815 |
| Hunter-Lab | 34.5258, 58.8223, 22.1565 |

Details

The Android color **4291101187** is a dark color, and the websafe version is hex **CC0000**. The color can be described as dark washed red. A complement of this color would be **4278371780**, and the grayscale version is **4282203453**.

A 20% lighter version of the original color is **4294923318**, and **4286906368** is the 20% darker color. If you saturate the color by 10%, you get **4291100673**, and if you desaturate by 10%, it is **4291106327**.

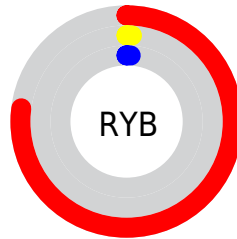
Distribution



Red (77%)

Green (1%)

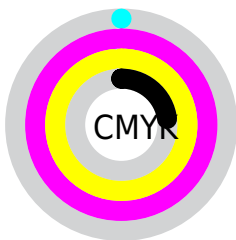
Blue (1%)



Red (77%)

Yellow (1%)

Blue (1%)

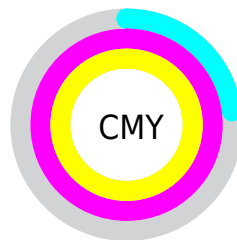


Cyan (0%)

Magenta (99%)

Yellow (98%)

Black (23%)



Cyan (23%)


Magenta (99%)

Yellow (99%)

Brightness & Saturation Gradients

These gradients show how the Android color 4291101187 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 4291101187 by changing the saturation by 10% instead.

 4291101187  4291101187

 4294967280  4289003520

 4294923318  4286906368

 4294930766  4284809216

 4294938215  4282908675

 4294945665  4280811521

 4294953116  4278190080

 4294960823

 4294967251

 4291101187  4291101187

■ 4291100673

■ 4291106327

■ 4291111210

■ 4291116350

■ 4291121489

■ 4291126629

■ 4291131513

■ 4291136652

■ 4291141792

■ 4291146675

Harmonies

Analogous

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



4292149326



4291101187



4288432640

Triad

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



4291101187



4278221099



4278215918

Complementary

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



4291101187



4278371780

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.



4278220519



4291101187



4278221942

Square

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



4291101187



4278219520



4278222010



4286005199

Rectangle

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



4291101187



4286078464



4278222010



4278217968

Sweetspot

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



4291101187



4294947763



4290904773



4286599762



4278190080



4286611584

Same Dimension

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



4291101187



4294901761



4291125250



4284701274



4288872449



4280549376

Inverse Universe

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



4291101187



4294901761



4278347717



4284701274



4288872449



4280549376

Previews

White Background



This preview shows how the Android color 4291101187 looks on a white background.

Color Contrast Check

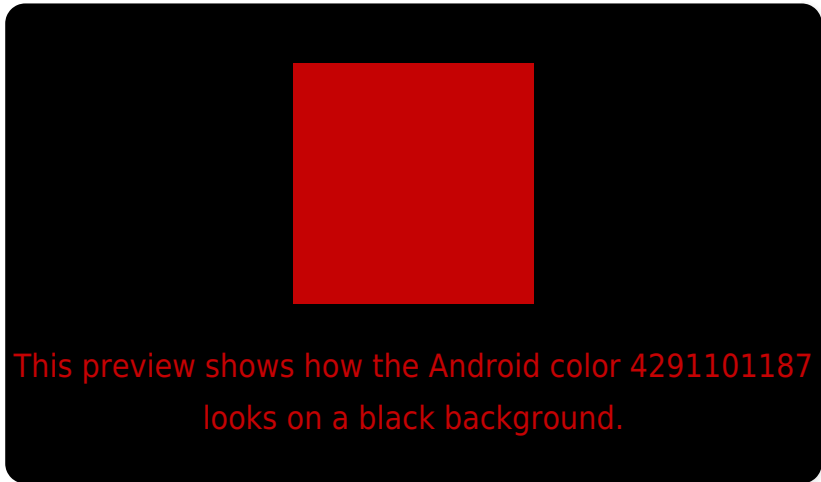
Large Text (above 18pt) WCAG AA ✓ Pass

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 4291101187 Background



This preview shows how black text looks on a background with the Android color 4291101187.



This preview shows how white text looks on a background with the Android color 4291101187.

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

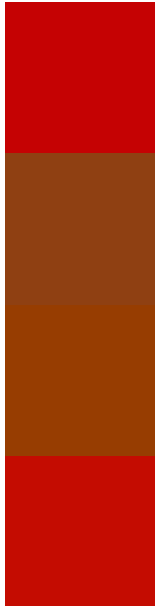


Original Color
4291101187

Protanopia
4285555738

Deuteranopia
4286406144

Trichromacy



Original Color
4291101187

Protanomaly
4287578130

Deuteranomaly
4288101633

Tritanomaly
4291038209

Monochromacy



Original Color
4291101187

Achromatopsia
4282137660

Achromatomaly
4285409063

CSS Examples

Text

The CSS property to change the color of the text to Android 4291101187 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(197, 2, 3)` looks like.

```
.text, #text, p{  
    color:rgb(197, 2, 3)  
}
```

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(197, 2, 3) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(197, 2, 3) }
```

Border

The CSS property to change the border of an element to Android 4291101187 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(197, 2, 3) }
```

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

```
.border{ border-color:rgb(197, 2, 3) }
```

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

Here you see how a box with a 4 pixel `rgb(197, 2, 3)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(197, 2, 3); -webkit-box-shadow:4px  
4px 4px 4px rgb(197, 2, 3); box-shadow:4px  
4px 4px 4px rgb(197, 2, 3) }
```

Background

The CSS property to change the background color of an element to Android 4291101187 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(197, 2, 3) }
```

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

```
.background{ background-color: rgb(197, 2,  
3) }
```

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