

# Converting Colors

Android(4291100696)

Have a look what the booklet for  
Android(4291100696) contains.

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# Color

**Android(4291100696)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	C50018
RGB	197, 0, 24
RGB Percent	77%, 0%, 9%
CMY	0.2275, 1.0000, 0.9059
CMYK	0.00, 1.00, 0.88, 0.23
HSL	353°, 100%, 39%
HSV	353°, 100%, 77%
XYZ	23.1908, 11.9363, 1.9458
YIQ	61.6390, 109.7080, 49.2280

# Conversions

## Conversions Part 2

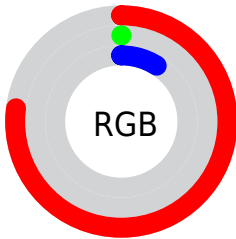
Format	Color
<a href="#">RYB</a>	197, 0, 24
Decimal	12910616
CIELab	41.11, 66.25, 46.18
CIELCh	41, 80.762, 34.880
Yxy	11.9363, 0.6255, 0.3220
Android (android.graphics.Color)	4291100696 (0xFFC50018)
YUV	61.6390, -18.5560, 118.7116
Hunter-Lab	34.5489, 59.3569, 20.8450

# Details

The Android color **4291100696** 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 **4278240685**, and the grayscale version is **4282269246**.

A 20% lighter version of the original color is **4294923334**, and **4286906368** is the 20% darker color. If you saturate the color by 10%, you get **4291100696**, and if you desaturate by 10%, it is **4291105833**.

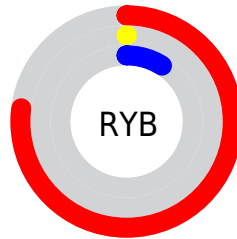
# Distribution



Red (77%)

Green (0%)

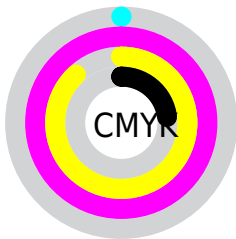
Blue (9%)



Red (77%)

Yellow (0%)

Blue (9%)

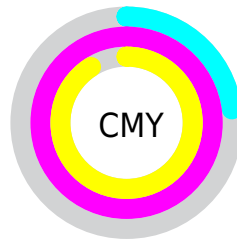


Cyan (0%)

Magenta (100%)

Yellow (88%)

Black (23%)



Cyan (23%)

Magenta (100%)


Yellow (91%)


# Brightness & Saturation Gradients

These gradients show how the Android color 4291100696 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 4291100696 by changing the saturation by 10% instead.



 4291100696

 4291100696

4294967295

 4289003520

 4294923334

 4286906368

 4294930782

 4284874752

 4294938231

 4282974211

 4294945681


 4280877057


 4294953132

 4278190080

 4294960839


 4294967268

 4291100696


 4291105833

 4291110715


 4291115852


 4291120989

 4291126127

 4291131008

 4291136145

 4291141282

 4291146164

# Harmonies

## Analogous

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



4291756121



4291100696



4288824832

# Triad

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



4291100696



4278220834



4278216680

# Complementary

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



4291100696



4278240685

# 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.



4278220507



4291100696



4278221675

# Square

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



4291100696



4280119552



4278221740



4284827856

# Rectangle

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



4291100696



4286601984



4278221740



4278218472



# Sweetspot

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



4291100696



4294947772



4289396933



4286599767



4278190080



4286611584



# Same Dimension

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



4291100696



4294901791



4291119104



4284701275



4288872468



4280549380



# Inverse Universe

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



4291100696



4294901791



4278222277



4284701275



4288872468



4280549380



# Previews

## White Background



This preview shows how the Android color 4291100696 looks on a white background.

## Color Contrast Check

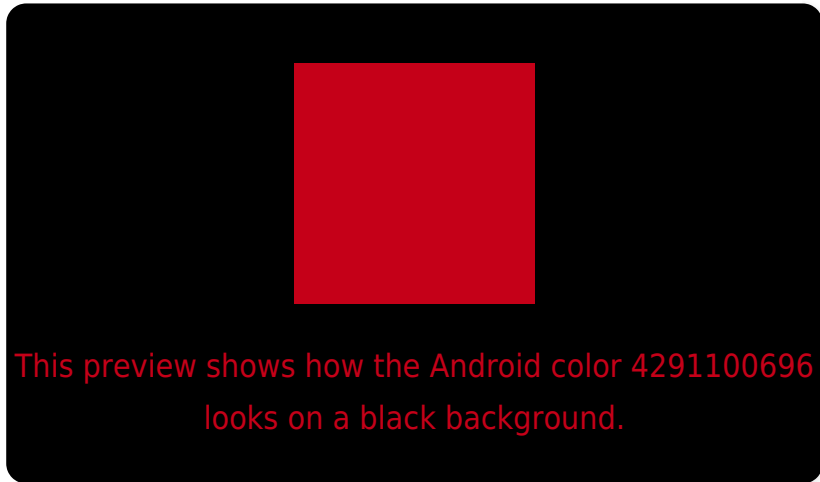
Large Text (above 18pt) WCAG AA ✓ Pass

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 4291100696 Background



This preview shows how black text looks on a background with the Android color 4291100696.



This preview shows how white text looks on a background with the Android color 4291100696.

# 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**  
4291100696

**Protanopia**  
4285490218

**Deuteranopia**  
4286471680



# Trichromacy



**Original Color**  
4291100696

**Protanomaly**  
4287512611

**Deuteranomaly**  
4288166921

**Tritanomaly**  
4291037961

# Monochromacy



**Original Color**  
4291100696

**Achromatopsia**  
4282269246

**Achromatomaly**  
4285474608

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4291100696 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, 0, 24)` looks like.

```
.text, #text, p{  
    color:rgb(197, 0, 24)  
}
```

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, 0, 24) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(197, 0, 24) }
```

## Border

The CSS property to change the border of an element to Android 4291100696 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, 0, 24) }
```

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

```
.border{ border-color:rgb(197, 0, 24) }
```

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

Here you see how a box with a 4 pixel rgb(197, 0, 24) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(197, 0, 24); -webkit-box-  
shadow:4px 4px 4px 4px rgb(197, 0, 24);  
box-shadow:4px 4px 4px 4px rgb(197, 0, 24)  
}
```

# Background

The CSS property to change the background color of an element to Android 4291100696 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(197, 0, 24) }
```

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

```
.background{ background-color: rgb(197, 0,  
24) }
```

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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