

# Converting Colors

Android(4291035187)

Have a look what the booklet for  
Android(4291035187) contains.

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**Color**

**Android(4291035187)**

# Conversions

## Conversions Part 1

Format	Color
Hex	C40033
RGB	196, 0, 51
RGB Percent	77%, 0%, 20%
CMY	0.2314, 1.0000, 0.8000
CMYK	0.00, 1.00, 0.74, 0.23
HSL	344°, 100%, 38%
HSV	344°, 100%, 77%
XYZ	23.3625, 11.9748, 4.2120
YIQ	64.4180, 100.4450, 57.4130

# Conversions

## Conversions Part 2

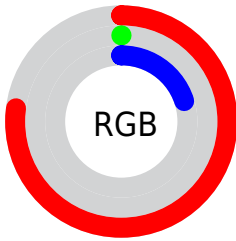
Format	Color
<a href="#">RYB</a>	196, 0, 51
Decimal	12845107
CIELab	41.18, 66.76, 30.94
CIElCh	41, 73.579, 24.865
Yxy	11.9748, 0.5907, 0.3028
Android (android.graphics.Color)	4291035187 (0xFFC40033)
YUV	64.4180, -6.6151, 115.3974
Hunter-Lab	34.6046, 59.9521, 17.0066

# Details

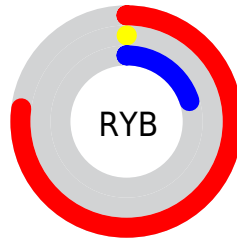
The Android color **4291035187** is a dark color, and the websafe version is hex **CC0033**. The color can be described as dark washed red. A complement of this color would be **4278240401**, and the grayscale version is **4282400832**.

A 20% lighter version of the original color is **4294923361**, and **4286906376** is the 20% darker color. If you saturate the color by 10%, you get **4291035187**, and if you desaturate by 10%, it is **4291040321**.

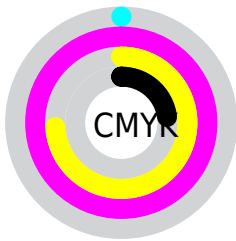
# Distribution



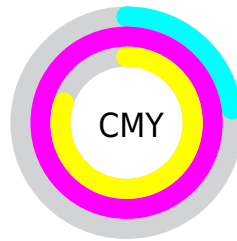
- Red (77%)
- Green (0%)
- Blue (20%)



- Red (77%)
- Yellow (0%)
- Blue (20%)



- Cyan (0%)
- Magenta (100%)
- Yellow (74%)
- Black (23%)



- Cyan (23%)
- Magenta (100%)
- Yellow (80%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4291035187 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 4291035187 by changing the saturation by 10% instead.



 4291035187

 4291035187

4294967295

 4288938014

 4294923361

 4286906376

 4294931066

 4284874752

 4294938516

 4282974211


 4294945966


 4280942593

 4294953418

 4278190080

 4294961126

 4291035187

 4291040321

 4291045200

 4291050334

 4291055213

 4291060347

 4291065482

 4291070361

 4291075495

 4291080374

# Harmonies

## Analogous

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



4290904174



4291035187



4289412608

# Triad

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



4291035187



4278220045



4278218203

# Complementary

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



4291035187



4278240401

# 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.



4278220740



4291035187



4278221141

# Square

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



4291035187



4282805248



4278221459



4281685713

# Rectangle

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



4291035187



4287648512



4278221459



4278219223



# Sweetspot

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



4291035187



4294947782



4287627460



4286599774



4278190080



4286611584



# Same Dimension

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



4291035187



4294901826



4291046912



4284569434



4288741418



4280352777



# Inverse Universe

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



4291035187



4294901826



4278228676



4284569434



4288741418



4280352777



# Previews

## White Background



This preview shows how the Android color 4291035187 looks on a white background.

## Color Contrast Check

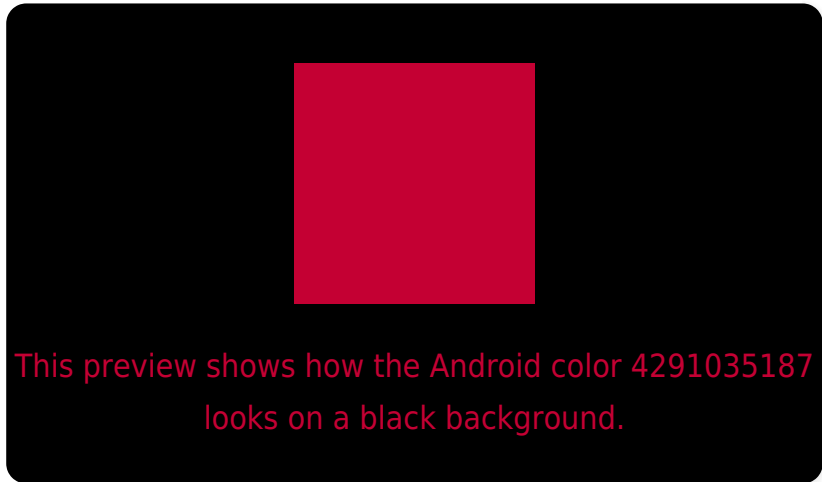
Large Text (above 18pt) WCAG AA ✓ Pass

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 4291035187 Background



This preview shows how black text looks on a background with the Android color 4291035187.



This preview shows how white text looks on a background with the Android color 4291035187.

# 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**  
4291035187

**Protanopia**  
4285162317

**Deuteranopia**  
4286340904



# Trichromacy



**Original Color**  
4291035187

**Protanomaly**  
4287315780

**Deuteranomaly**  
4288035884

**Tritanomaly**  
4290972955

# Monochromacy



**Original Color**  
4291035187

**Achromatopsia**  
4282400832

**Achromatomaly**  
4285540667

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4291035187 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(196, 0, 51)` looks like.

```
.text, #text, p{  
    color:rgb(196, 0, 51)  
}
```

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(196, 0, 51) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(196, 0, 51) }
```

## Border

The CSS property to change the border of an element to Android 4291035187 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(196, 0, 51) }
```

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

```
.border{ border-color:rgb(196, 0, 51) }
```

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

Here you see how a box with a 4 pixel rgb(196, 0, 51) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(196, 0, 51); -webkit-box-  
shadow:4px 4px 4px 4px rgb(196, 0, 51);  
box-shadow:4px 4px 4px 4px rgb(196, 0, 51)  
}
```

# Background

The CSS property to change the background color of an element to Android 4291035187 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(196, 0, 51) }
```

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

```
.background{ background-color: rgb(196, 0,  
51) }
```

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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