

# Converting Colors

Android(4291568450)

Have a look what the booklet for  
Android(4291568450) contains.

<b>Android(4291568450)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

# Color

**Android(4291568450)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	CC2342
RGB	204, 35, 66
RGB Percent	80%, 14%, 26%
CMY	0.2000, 0.8627, 0.7412
CMYK	0.00, 0.83, 0.68, 0.20
HSL	349°, 71%, 47%
HSV	349°, 83%, 80%
XYZ	26.4862, 14.4328, 6.5441
YIQ	89.0650, 90.7730, 45.4690

# Conversions

## Conversions Part 2

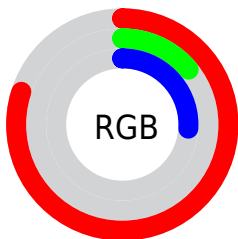
Format	Color
<a href="#">RYB</a>	<a href="#">204, 35, 66</a>
Decimal	<a href="#">13378370</a>
CIELab	<a href="#">44.85, 64.31, 26.57</a>
CIElCh	<a href="#">45, 69.584, 22.445</a>
Yxy	<a href="#">14.4328, 0.5580, 0.3041</a>
Android (android.graphics.Color)	<a href="#">4291568450</a> ( <a href="#">0xFFCC2342</a> )
YUV	<a href="#">89.0650, -11.3710, 100.7980</a>
Hunter-Lab	<a href="#">37.9905, 57.9634, 16.3803</a>

# Details

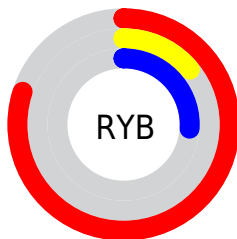
The Android color **4291568450** is a dark color, and the websafe version is hex **CC0033**. The color can be described as dark muted red. A complement of this color would be **4280536237**, and the grayscale version is **4284045657**.

A 20% lighter version of the original color is **4294927218**, and **4287496216** is the 20% darker color. If you saturate the color by 10%, you get **4291563313**, and if you desaturate by 10%, it is **4291573587**.

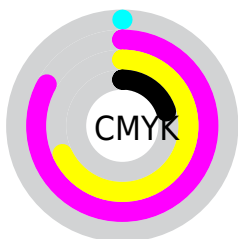
# Distribution



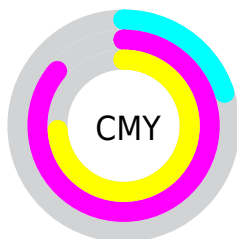
- Red (80%)
- Green (14%)
- Blue (26%)



- Red (80%)
- Yellow (14%)
- Blue (26%)



- Cyan (0%)
- Magenta (83%)
- Yellow (68%)
- Black (20%)




- Cyan (20%)
- Magenta (86%)
- Yellow (74%)


# Brightness & Saturation Gradients

These gradients show how the Android color 4291568450 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 4291568450 by changing the saturation by 10% instead.



 4291568450

 4291568450

4294967295

 4289527852

 4294927218

 4287496216


 4294934667

 4285464576

 4294942117

 4283498498


 4294949569


 4281597954


 4294957020


 4278190080

 4294964729

 4291568450


 4291568450


 4291563313

 4291573587

 4291559461


 4291578979


 4291584116

 4291589509

 4291594645

 4291599782

 4291605175

 4291610311

 4291615704

# Harmonies

## Analogous

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



4291239035



4291568450



4290135809

# Triad

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



4291568450



4278222105



4278220510

# Complementary

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



4291568450



4280536237

# 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.



4278223046



4291568450



4278223449

# Square

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



4291568450



4283921408



4278223765



4282081751

# Rectangle

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



4291568450



4288436992



4278223765



4278221530



# Sweetspot

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



4291568450



4294950859



4289340364



4286601568



4278190080



4286611584



# Same Dimension

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



4291568450



4294902577



4291581475



4284898398



4289069086



4280680455



# Inverse Universe

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



4291568450



4294902577



4280523212



4284898398



4289069086



4280680455



# Previews

## White Background



This preview shows how the Android color 4291568450 looks on a white background.

## Color Contrast Check

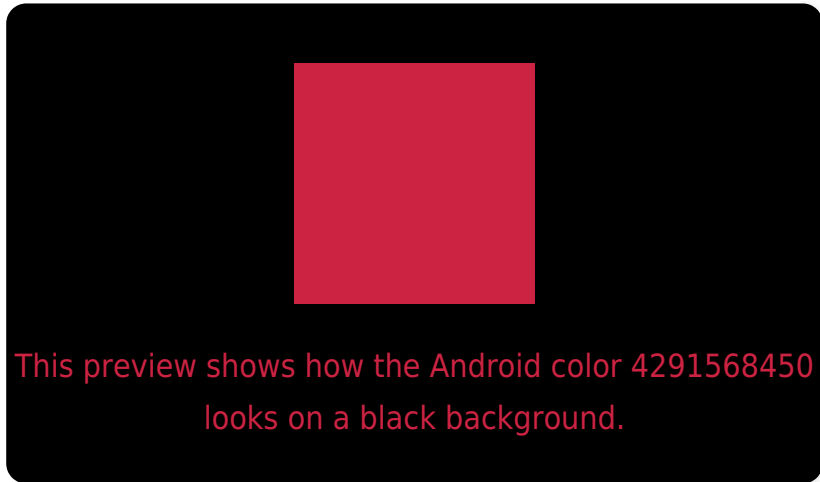
Large Text (above 18pt) WCAG AA ✓ Pass

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 4291568450 Background



This preview shows how black text looks on a background with the Android color 4291568450.

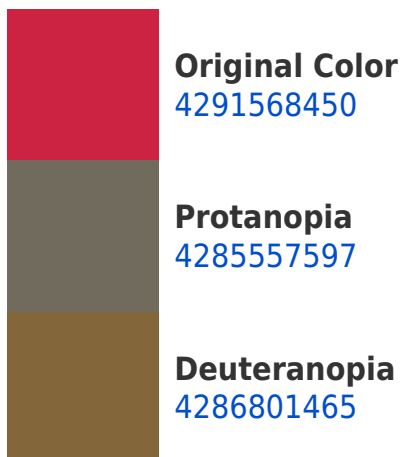


This preview shows how white text looks on a background with the Android color 4291568450.

# 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





# Trichromacy



**Original Color**

4291568450

**Protanomaly**

4287713619

**Deuteranomaly**

4288564796

**Tritanomaly**

4291503922

# Monochromacy



**Original Color**

4291568450

**Achromatopsia**

4284045657

**Achromatomaly**

4286793041

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4291568450 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(204, 35, 66)` looks like.

```
.text, #text, p{  
    color:rgb(204, 35, 66)  
}
```

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(204, 35, 66) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(204, 35, 66) }
```

## Border

The CSS property to change the border of an element to Android 4291568450 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(204, 35, 66) }
```

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

```
.border{ border-color:rgb(204, 35, 66) }
```

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

Here you see how a box with a 4 pixel `rgb(204, 35, 66)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(204, 35, 66); -webkit-box-  
shadow:4px 4px 4px 4px rgb(204, 35, 66);  
box-shadow:4px 4px 4px 4px rgb(204, 35,  
66) }
```

# Background

The CSS property to change the background color of an element to Android 4291568450 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(204, 35, 66) }
```

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

```
.background{ background-color: rgb(204, 35,  
66) }
```

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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