

# Converting Colors

Android(4292411462)

Have a look what the booklet for  
Android(4292411462) contains.

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# Color

**Android(4292411462)**

# Conversions

## Conversions Part 1

Format	Color
Hex	D90046
RGB	217, 0, 70
RGB Percent	85%, 0%, 27%
CMY	0.1490, 1.0000, 0.7255
CMYK	0.00, 1.00, 0.68, 0.15
HSL	341°, 100%, 43%
HSV	341°, 100%, 85%
XYZ	29.7208, 15.1939, 7.1606
YIQ	72.8630, 106.8620, 67.7740

# Conversions

## Conversions Part 2

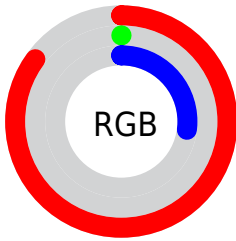
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	217, 0, 70
Decimal	14221382
CIE <sub>Lab</sub>	45.90, 72.57, 25.99
CIE <sub>LCh</sub>	46, 77.083, 19.707
Yxy	15.1939, 0.5707, 0.2918
Android (android.graphics.Color)	4292411462 (0xFFD90046)
YUV	72.8630, -1.4115, 126.4081
Hunter-Lab	38.9794, 67.8878, 16.3938

# Details

The Android color **4292411462** 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 **4278245779**, and the grayscale version is **4282992969**.

A 20% lighter version of the original color is **4294924662**, and **4288217116** is the 20% darker color. If you saturate the color by 10%, you get **4292411462**, and if you desaturate by 10%, it is **4292417109**.

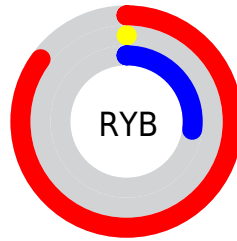
# Distribution



Red (85%)

Green (0%)

Blue (27%)



Red (85%)

Yellow (0%)

Blue (27%)

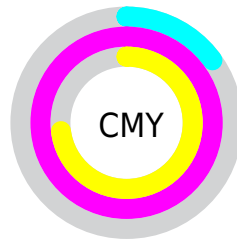


Cyan (0%)

Magenta (100%)

Yellow (68%)

Black (15%)



Cyan (15%)

Magenta (100%)

Yellow (73%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4292411462 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 4292411462 by changing the saturation by 10% instead.



 4292411462

 4292411462

4294967295

 4290314288

 4294924662

 4288217116

 4294932623

 4286185474

 4294940330

 4284153858

 4294947781

 4282187779

 4294955489

 4279762945

 4294963198

 4278190080

 4292411462

 4292417109

 4292422499

 4292428146

 4292433793

 4292439440

 4292444830

 4292450477

 4292456124

 4292461514

# Harmonies

## Analogous

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



4291887238



4292411462



4290920448

# Triad

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



4292411462



4278223104



4278222062

# Complementary

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



4292411462



4278245779

# 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.



4278224335



4292411462



4278224467

# Square

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



4292411462



4284315136



4278224791



4278216424

# Rectangle

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



4292411462



4289157376



4278224791



4278223079



# Sweetspot

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



4292411462



4294947787



4287693017



4286599776



4278190080



4286611584



# Same Dimension

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



4292411462



4294901842



4292420608



4285424486



4289527864



4281204751



# Inverse Universe

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



4292411462



4294901842



4278236633



4285424486



4289527864



4281204751



# Previews

## White Background



This preview shows how the Android color 4292411462 looks on a white background.

## Color Contrast Check

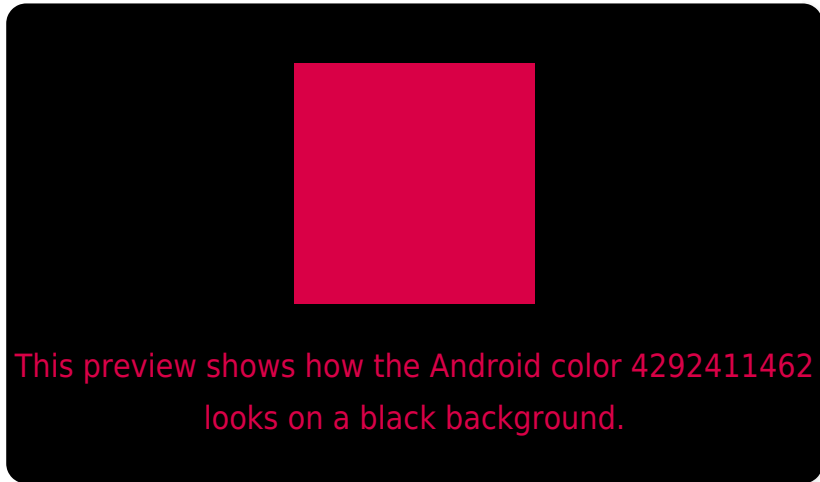
Large Text (above 18pt) WCAG AA ✓ Pass

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 4292411462 Background



This preview shows how black text looks on a background with the Android color 4292411462.



This preview shows how white text looks on a background with the Android color 4292411462.

# 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**

4292411462

**Protanopia**

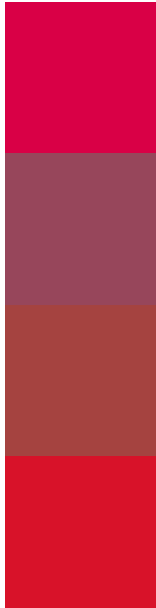
4285689447

**Deuteranopia**

4287130172



# Trichromacy



**Original Color**  
4292411462

**Protanomaly**  
4288104027

**Deuteranomaly**  
4289020736

**Tritanomaly**  
4292350505

# Monochromacy



**Original Color**  
4292411462

**Achromatopsia**  
4282992969

**Achromatomaly**  
4286393928

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4292411462 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(217, 0, 70)` looks like.

```
.text, #text, p{  
    color:rgb(217, 0, 70)  
}
```

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(217, 0, 70) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(217, 0, 70) }
```

## Border

The CSS property to change the border of an element to Android 4292411462 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(217, 0, 70) }
```

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

```
.border{ border-color:rgb(217, 0, 70) }
```

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

Here you see how a box with a 4 pixel rgb(217, 0, 70) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(217, 0, 70); -webkit-box-  
shadow:4px 4px 4px 4px rgb(217, 0, 70);  
box-shadow:4px 4px 4px 4px rgb(217, 0, 70)  
}
```

# Background

The CSS property to change the background color of an element to Android 4292411462 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(217, 0, 70) }
```

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

```
.background{ background-color: rgb(217, 0,  
70) }
```

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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