

# Converting Colors

Android(4292617007)

Have a look what the booklet for  
Android(4292617007) contains.

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# Color

**Android(4292617007)**

# Conversions

## Conversions Part 1

Format	Color
Hex	DC232F
RGB	220, 35, 47
RGB Percent	86%, 14%, 18%
CMY	0.1373, 0.8627, 0.8157
CMYK	0.00, 0.84, 0.79, 0.14
HSL	356°, 73%, 50%
HSV	356°, 84%, 86%
XYZ	30.6293, 16.6229, 4.2835
YIQ	91.6830, 106.4080, 42.9520

# Conversions

## Conversions Part 2

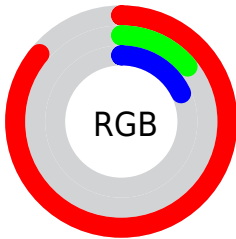
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	<a href="#">220, 35, 47</a>
Decimal	<a href="#">14426927</a>
CIELab	<a href="#">47.78, 67.88, 41.95</a>
CIELCh	<a href="#">48, 79.792, 31.715</a>
Yxy	<a href="#">16.6229, 0.5943, 0.3226</a>
Android (android.graphics.Color)	<a href="#">4292617007</a> ( <a href="#">0xFFDC232F</a> )
YUV	<a href="#">91.6830, -22.0287, 112.5340</a>
Hunter-Lab	<a href="#">40.7712, 62.7481, 22.3107</a>

# Details

The Android color **4292617007** 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 **4280540368**, and the grayscale version is **4284243036**.

A 20% lighter version of the original color is **4294927710**, and **4288413698** is the 20% darker color. If you saturate the color by 10%, you get **4292611354**, and if you desaturate by 10%, it is **4292622660**.

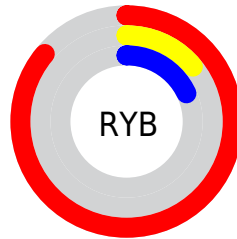
# Distribution



Red (86%)

Green (14%)

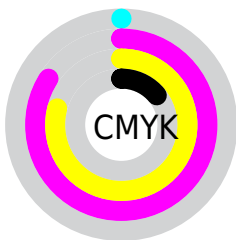
Blue (18%)



Red (86%)

Yellow (14%)

Blue (18%)

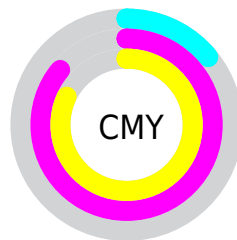


Cyan (0%)

Magenta (84%)

Yellow (79%)

Black (14%)



Cyan (14%)

Magenta (86%)

Yellow (82%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4292617007 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 4292617007 by changing the saturation by 10% instead.





4292617007



4292617007

4294967295



4290510873



4294927710



4288413698



4294935415



4286316544



4294942865



4284284929



4294950315



4282384387



4294958023



4280090625



4294965475



4278190080



4292617007



4292617007



4292611354



4292622660

 4292608014

 4292628312

 4292633965

 4292639617

 4292645270

 4292650922

 4292656575

 4292662228

 4292667880

# Harmonies

## Analogous

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



4293001329



4292617007



4290401024

# Triad

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



4292617007



4278225195



4278221562

# Complementary

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



4292617007



4280540368

# 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.



4278225129



4292617007



4278226292

# Square

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



4292617007



4282417408



4278226359



4285226470

# Rectangle

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



4292617007



4288309248



4278226359



4278223097



# Sweetspot

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



4292617007



4294950851



4291830748



4286601564



4278190080



4286611584



# Same Dimension

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



4292617007



4294901777



4292637475



4285424483



4289527819



4281204739



# Inverse Universe

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



4292617007



4294901777



4280519900



4285424483



4289527819



4281204739



# Previews

## White Background



This preview shows how the Android color 4292617007 looks on a white background.

## Color Contrast Check

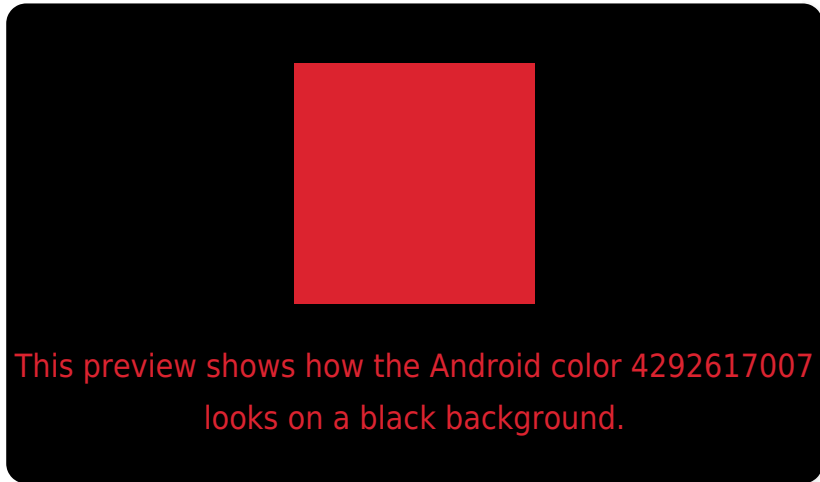
Large Text (above 18pt) WCAG AA ✓ Pass

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 4292617007 Background



This preview shows how black text looks on a background with the Android color 4292617007.



This preview shows how white text looks on a background with the Android color 4292617007.

# 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**  
4292617007

**Protanopia**  
4286411333

**Deuteranopia**  
4287589409



# Trichromacy



**Original Color**  
4292617007

**Protanomaly**  
4288697661

**Deuteranomaly**  
4289417510

**Tritanomaly**  
4292617255

# Monochromacy



**Original Color**  
4292617007

**Achromatopsia**  
4284243036

**Achromatomaly**  
4287317836

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4292617007 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(220, 35, 47)` looks like.

```
.text, #text, p{  
    color:rgb(220, 35, 47)  
}
```

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(220, 35, 47) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(220, 35, 47) }
```

## Border

The CSS property to change the border of an element to Android 4292617007 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(220, 35, 47) }
```

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

```
.border{ border-color:rgb(220, 35, 47) }
```

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

Here you see how a box with a 4 pixel `rgb(220, 35, 47)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(220, 35, 47); -webkit-box-  
shadow:4px 4px 4px 4px rgb(220, 35, 47);  
box-shadow:4px 4px 4px 4px rgb(220, 35,  
47) }
```

# Background

The CSS property to change the background color of an element to Android 4292617007 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(220, 35, 47) }
```

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

```
.background{ background-color: rgb(220, 35,  
47) }
```

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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