

# Converting Colors

Decimal(13174547)

Have a look what the booklet for  
Decimal(13174547) contains.

<b>Decimal(13174547)</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> .....	28

**Color**

**Decimal(13174547)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	C90713
RGB	201, 7, 19
RGB Percent	79%, 3%, 7%
CMY	0.2118, 0.9725, 0.9255
CMYK	0.00, 0.97, 0.91, 0.21
HSL	356°, 93%, 41%
HSV	356°, 97%, 79%
XYZ	24.2809, 12.6165, 1.7716
YIQ	66.3740, 111.7720, 44.8600

# Conversions

## Conversions Part 2

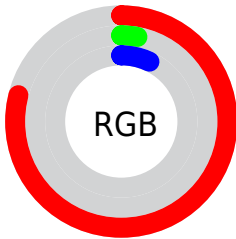
<b>Format</b>	<b>Color</b>
<b>RYB</b>	201, 7, 19
Decimal	13174547
CIELab	42.18, 66.48, 49.63
CIELCh	42, 82.965, 36.742
Yxy	12.6165, 0.6279, 0.3263
Android (android.graphics.Color)	4291364627 (0xFFC90713)
YUV	66.3740, -23.3554, 118.0670
Hunter-Lab	35.5197, 59.8614, 21.9066

# Details

The Decimal color **13174547** 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 **510397**, and the grayscale version is **4408131**.

A 20% lighter version of the original color is **16733762**, and **8978432** is the 20% darker color. If you saturate the color by 10%, you get **13172748**, and if you desaturate by 10%, it is **13179686**.

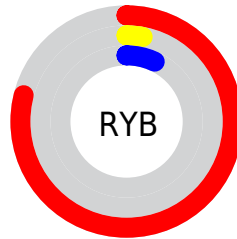
# Distribution



Red (79%)

Green (3%)

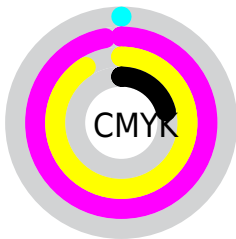
Blue (7%)



Red (79%)

Yellow (3%)

Blue (7%)

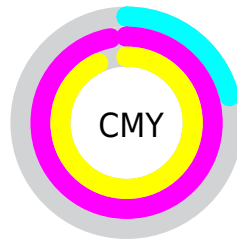


Cyan (0%)

Magenta (97%)

Yellow (91%)

Black (21%)



Cyan (21%)

Magenta (97%)

Yellow (93%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 13174547 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 Decimal color 13174547 by changing the saturation by 10% instead.



 13174547	 13174547
16777213	 11075584
 16733762	 8978432
 16741466	 6881280
 16748915	 4915203
 16756365	 2949121
 16763816	 0
 16771524	
 16777184	
 13174547	 13174547

■ 13172748

■ 13179686

■ 13184825

■ 13189964

■ 13195102

■ 13200497

■ 13205636

■ 13210775

■ 13215914

■ 13221053

# Harmonies

## Analogous

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



13959256



13174547



10701312

# Triad

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



13174547



31528



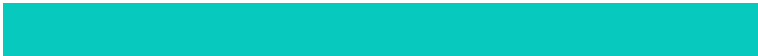
27119

# Complementary

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



13174547



510397

# 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.



31203



13174547



32370

# Square

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



13174547



947456



32437



7292883

# Rectangle

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



13174547



8412928



32437



28911



# Sweetspot

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



13174547



16758202



12322761



8409942



0



8421504



# Same Dimension

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



13174547



16711696



13196039



6511194



10682378



2359298



# Inverse Universe

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



13174547



16711696



488905



6511194



10682378



2359298



# Previews

## White Background



This preview shows how the Decimal color 13174547 looks on a white background.

## Color Contrast Check

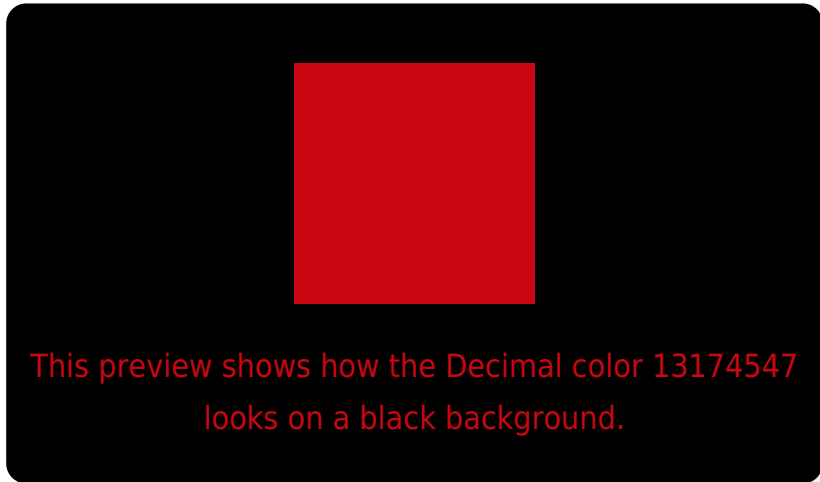
Large Text (above 18pt) WCAG AA ✓ Pass

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](#).



## Decimal 13174547 Background



This preview shows how black text looks on a background with the Decimal color 13174547.



This preview shows how white text looks on a background with the Decimal color 13174547.

# 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**

13174547

**Protanopia**

7431717

**Deuteranopia**

8413184

# Trichromacy



**Original Color**  
13174547

**Protanomaly**  
9519902

**Deuteranomaly**  
10174471

# Monochromacy



**Original Color**  
13174547

**Achromatopsia**  
4342338

**Achromatomaly**  
7548209

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 13174547 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 #C90713 looks like.

```
.text, #text, p{  
  color:#C90713  
}
```

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 #C90713 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C90713
}
```

## Border

The CSS property to change the border of an element to Decimal 13174547 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".

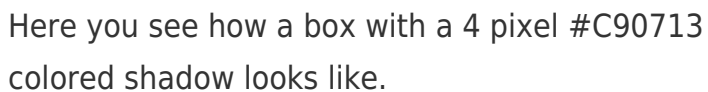
```
.border, #border, table{ border:4px solid
#C90713 }
```

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

```
.border{ border-color:#C90713 }
```

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

Here you see how a box with a 4 pixel #C90713 colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C90713; -webkit-box-shadow:4px 4px  
4px 4px #C90713; box-shadow:4px 4px 4px  
4px #C90713 }
```

# Background

The CSS property to change the background color of an element to Decimal 13174547 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C90713 }
```

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

```
.background{ background-color:#C90713 }
```

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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