

# Converting Colors

Decimal(13111598)

Have a look what the booklet for  
Decimal(13111598) contains.

<b>Decimal(13111598)</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

**Decimal(13111598)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	C8112E
RGB	200, 17, 46
RGB Percent	78%, 7%, 18%
CMY	0.2157, 0.9333, 0.8196
CMYK	0.00, 0.92, 0.77, 0.22
HSL	350°, 84%, 43%
HSV	350°, 92%, 78%
XYZ	24.5130, 12.8775, 3.7784
YIQ	75.0230, 99.7590, 47.8150

# Conversions

## Conversions Part 2

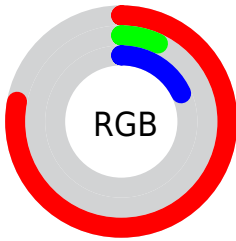
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	200, 17, 46
Decimal	13111598
CIE <sub>Lab</sub>	42.58, 65.77, 35.76
CIE <sub>LCh</sub>	43, 74.867, 28.534
Yxy	12.8775, 0.5954, 0.3128
Android (android.graphics.Color)	4291301678 (0xFFC8112E)
YUV	75.0230, -14.3083, 109.6048
Hunter-Lab	35.8853, 59.1331, 18.8770

# Details

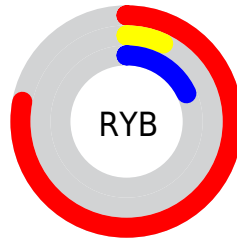
The Decimal color **13111598** is a dark color, and the websafe version is hex **CC0033**. The color can be described as dark washed red. A complement of this color would be **1165483**, and the grayscale version is **4934475**.

A 20% lighter version of the original color is **16734812**, and **8978432** is the 20% darker color. If you saturate the color by 10%, you get **13107232**, and if you desaturate by 10%, it is **13116735**.

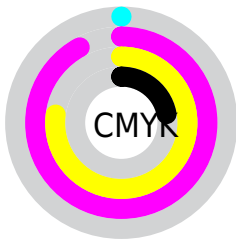
# Distribution



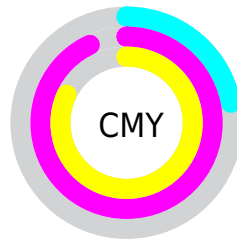
- Red (78%)
- Green (7%)
- Blue (18%)



- Red (78%)
- Yellow (7%)
- Blue (18%)



- Cyan (0%)
- Magenta (92%)
- Yellow (77%)
- Black (22%)




- Cyan (22%)
- Magenta (93%)
- Yellow (82%)


# Brightness & Saturation Gradients

These gradients show how the Decimal color 13111598 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 13111598 by changing the saturation by 10% instead.



 13111598

 13111598

16777215

 11010073

 16734812

 8978432

 16742261

 6946816

 16749710

 4980738

 16757161


 2949122


 16764612

 0

 16772320

16777213

 13111598

 13111598

■ 13107232

■ 13116735

■ 13121872

■ 13127008

■ 13132145

■ 13137282

■ 13142419

■ 13147556

■ 13152693

■ 13157829

# Harmonies

## Analogous

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



13238378



13111598



11224320

# Triad

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



13111598



31259



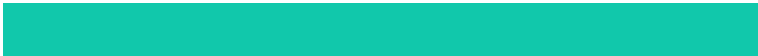
28386

# Complementary

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



13111598



1165483

# 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.



31439



13111598



32096

# Square

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



13111598



4157952



32415



5199315

# Rectangle

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



13111598



9394432



32415



29664



# Sweetspot

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



13111598



16759493



11145672



8410973



0



8421504



# Same Dimension

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



13111598



16711720



13127185



6511195



10682394



2359302



# Inverse Universe

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



13111598



16711720



1149896



6511195



10682394



2359302



# Previews

## White Background



This preview shows how the Decimal color 13111598 looks on a white background.

## Color Contrast Check

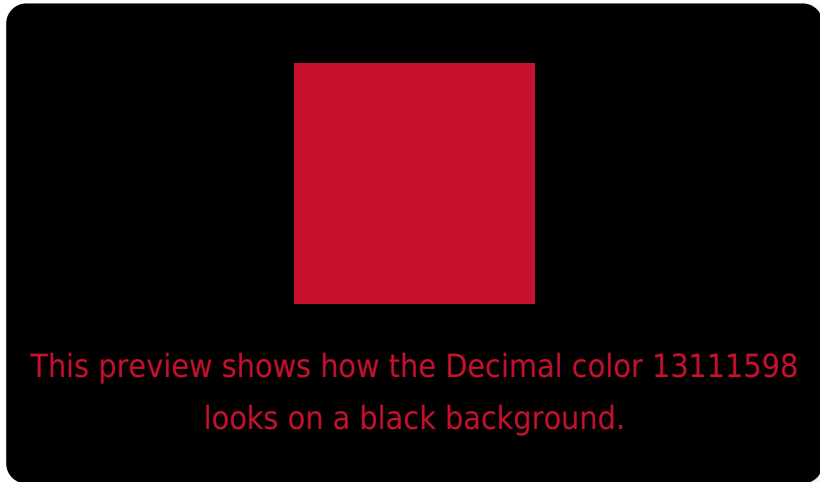
Large Text (above 18pt) WCAG AA ✓ Pass

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 13111598 Background



This preview shows how black text looks on a background with the Decimal color 13111598.



This preview shows how white text looks on a background with the Decimal color 13111598.

# 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**  
13111598

**Protanopia**  
7300677

**Deuteranopia**  
8413474



# Trichromacy



**Original Color**  
13111598

**Protanomaly**  
9389885

**Deuteranomaly**  
10109990

**Tritanomaly**  
13112605

# Monochromacy



**Original Color**  
13111598

**Achromatopsia**  
4934475

**Achromatomaly**  
7878208

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 13111598 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 #C8112E looks like.

```
.text, #text, p{  
  color:#C8112E  
}
```

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 #C8112E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C8112E
}
```

## Border

The CSS property to change the border of an element to Decimal 13111598 is called "border". The border property can be set on classes, ids or directly on the HTML element.

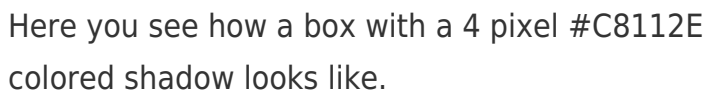
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#C8112E }
```

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

```
.border{ border-color:#C8112E }
```

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



Here you see how a box with a 4 pixel #C8112E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C8112E; -webkit-box-shadow:4px 4px  
4px 4px #C8112E; box-shadow:4px 4px 4px  
4px #C8112E }
```

# Background

The CSS property to change the background color of an element to Decimal 13111598 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C8112E }
```

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

```
.background{ background-color:#C8112E }
```

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](#).



Hey! You found this booklet  
interesting? Support Converting  
Colors with the new Membership  
Option!

The pro membership hides all ads, plus gives you  
double the colors in the color bucket, and more  
awesome pro features!

**[Learn more, Memberships starting at \\$2.50/m!](#)**

**Follow me  
on Twitter!**

@ConvertingColor