

Converting Colors

Decimal(11993117)

Have a look what the booklet for
Decimal(11993117) contains.

Decimal(11993117)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Decimal(11993117)

Conversions

Conversions Part 1

Format	Color
Hex	B7001D
RGB	183, 0, 29
RGB Percent	72%, 0%, 11%
CMY	0.2824, 1.0000, 0.8863
CMYK	0.00, 1.00, 0.84, 0.28
HSL	350°, 100%, 36%
HSV	350°, 100%, 72%
XYZ	19.7502, 10.1560, 2.0817
YIQ	58.0230, 99.7590, 47.8150

Conversions

Conversions Part 2

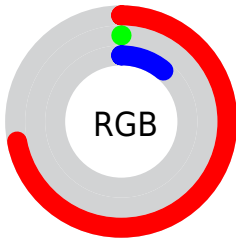
Format	Color
RYB	183, 0, 29
Decimal	11993117
CIELab	38.12, 62.87, 39.83
CIElCh	38, 74.428, 32.356
Yxy	10.1560, 0.6174, 0.3175
Android (android.graphics.Color)	4290183197 (0xFFB7001D)
YUV	58.0230, -14.3083, 109.6048
Hunter-Lab	31.8685, 54.8541, 18.4349

Details

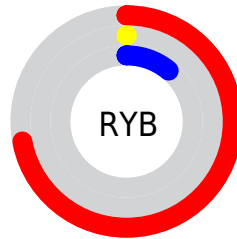
The Decimal color **11993117** is a dark color, and the websafe version is hex **CC3333**. A complement of this color would be **47002**, and the grayscale version is **3815994**.

A 20% lighter version of the original color is **16208202**, and **7864320** is the 20% darker color. If you saturate the color by 10%, you get **11993117**, and if you desaturate by 10%, it is **11997740**.

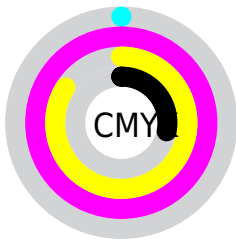
Distribution



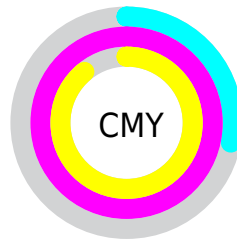
- Red (72%)
- Green (0%)
- Blue (11%)



- Red (72%)
- Yellow (0%)
- Blue (11%)



- Cyan (0%)
- Magenta (100%)
- Yellow (84%)
- Black (28%)




- Cyan (28%)
- Magenta (100%)
- Yellow (89%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 11993117 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 11993117 by changing the saturation by 10% instead.

 11993117	 11993117
 16777215	 9895943
 16208202	 7864320
 16739938	 5832704
 16747131	 3997699
 16754581	 1572865
 16762032	 0
 16769484	
 16777192	
 11993117	

 11997740

 12002620

 12007243

 12011867

 12016746

 12021369

 12025993

 12030616

 12035496

Harmonies

Analogous

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



12386392



11993117



10043136

Triad

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



11993117



28186



25045

Complementary

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



11993117



47002

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.



28358



11993117



29021

Square

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



11993117



2648064



29338



5457601

Rectangle

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



11993117



8081920



29338



26580

Sweetspot

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



11993117



15574705



10027191



7884116



16250871



7895160

Same Dimension

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



11993117



15532070



12008704



6050644



10223641



1835012

Inverse Universe

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



11993117



15532070



31415



6050644



10223641



1835012

Previews

White Background



This preview shows how the Decimal color 11993117 looks on a white background.

Color Contrast Check

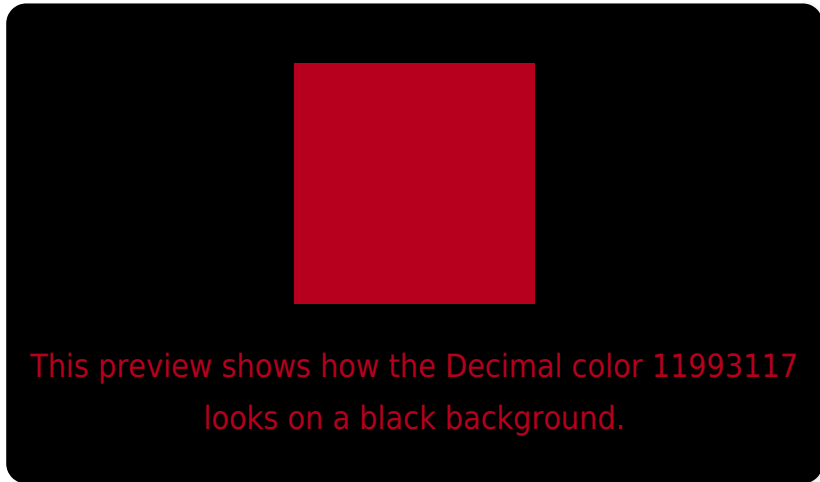
Large Text (above 18pt) WCAG AA ✓ Pass

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 11993117 Background



This preview shows how black text looks on a background with the Decimal color 11993117.



This preview shows how white text looks on a background with the Decimal color 11993117.

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
11993117

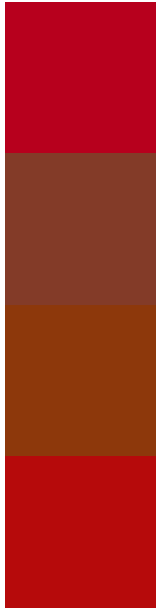
Protanopia
6708527

Deuteranopia
7690240



Tritanopia
11931648

Trichromacy



Original Color
11993117

Protanomaly
8600360

Deuteranomaly
9254923

Tritanomaly
11930123

Monochromacy



Original Color
11993117

Achromatopsia
3815994

Achromatomaly
6759727

CSS Examples

Text

The CSS property to change the color of the text to Decimal 11993117 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 #B7001D looks like.

```
.text, #text, p{  
    color:#B7001D  
}
```

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 #B7001D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B7001D
}
```

Border

The CSS property to change the border of an element to Decimal 11993117 is called "border". The border property can be set on classes, ids or directly on the HTML element.

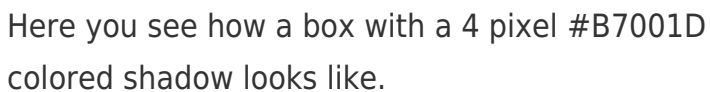
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#B7001D }
```

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

```
.border{ border-color:#B7001D }
```

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



Here you see how a box with a 4 pixel #B7001D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B7001D; -webkit-box-shadow:4px 4px  
4px 4px #B7001D; box-shadow:4px 4px 4px  
4px #B7001D }
```

Background

The CSS property to change the background color of an element to Decimal 11993117 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B7001D }
```

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

```
.background{ background-color:#B7001D }
```

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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