

# Converting Colors

Decimal(11993113)

Have a look what the booklet for  
Decimal(11993113) contains.

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# Color

**Decimal(11993113)**

# Conversions

## Conversions Part 1

Format	Color
Hex	B70019
RGB	183, 0, 25
RGB Percent	72%, 0%, 10%
CMY	0.2824, 1.0000, 0.9020
CMYK	0.00, 1.00, 0.86, 0.28
HSL	352°, 100%, 36%
HSV	352°, 100%, 72%
XYZ	19.7039, 10.1375, 1.8379
YIQ	57.5670, 101.0430, 46.5710

# Conversions

## Conversions Part 2

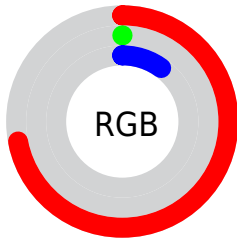
<b>Format</b>	<b>Color</b>
<b>RYB</b>	183, 0, 25
Decimal	11993113
CIELab	38.09, 62.78, 41.95
CIElCh	38, 75.508, 33.751
Yxy	10.1375, 0.6220, 0.3200
Android (android.graphics.Color)	4290183193 (0xFFB70019)
YUV	57.5670, -16.0555, 110.0047
Hunter-Lab	31.8394, 54.7464, 18.8651

# Details

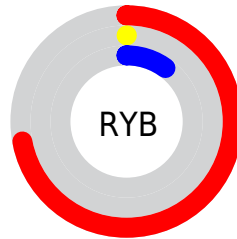
The Decimal color **11993113** is a dark color, and the websafe version is hex **CC3333**. A complement of this color would be **47006**, and the grayscale version is **3815994**.

A 20% lighter version of the original color is **16207942**, and **7864320** is the 20% darker color. If you saturate the color by 10%, you get **11993113**, and if you desaturate by 10%, it is **11997737**.

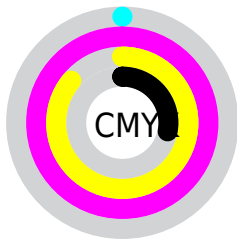
# Distribution



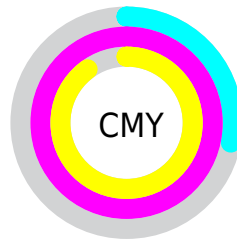
- Red (72%)
- Green (0%)
- Blue (10%)



- Red (72%)
- Yellow (0%)
- Blue (10%)



- Cyan (0%)
- Magenta (100%)
- Yellow (86%)
- Black (28%)



- Cyan (28%)
- Magenta (100%)
- Yellow (90%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 11993113 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 11993113 by changing the saturation by 10% instead.



 11993113	 11993113
 16777215	 9895937
 16207942	 7864320
 16739678	 5832704
 16747127	 3997699
 16754577	 1572865
 16762028	 0
 16769479	
 16777187	
 11993113	

 11997737

 12002617

 12007240

 12011864

 12016744

 12021368

 12025992

 12030615

 12035495

# Harmonies

## Analogous

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



12517461



11993113



9912320

# Triad

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



11993113



28445



24790

# Complementary

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



11993113



47006

# 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.



28361



11993113



29024

# Square

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



11993113



2189312



29341



5850305

# Rectangle

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



11993113



7951104



29341



26326



# Sweetspot

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



11993113



15574704



10223799



7884115



16250871



7895160



# Same Dimension

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



11993113



15532064



12009472



6050644



10223637



1835012



# Inverse Universe

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



11993113



15532064



30647



6050644



10223637



1835012



# Previews

## White Background



This preview shows how the Decimal color 11993113 looks on a white background.

## Color Contrast Check

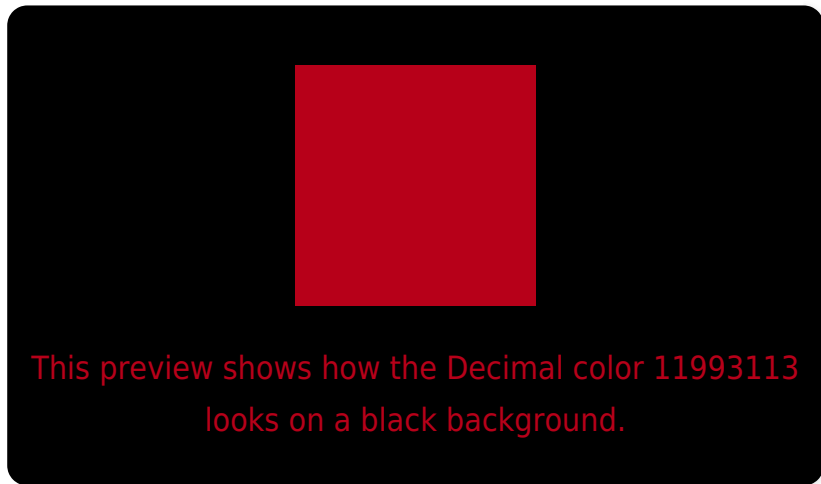
Large Text (above 18pt) WCAG AA ✓ Pass

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 11993113 Background



This preview shows how black text looks on a background with the Decimal color 11993113.



This preview shows how white text looks on a background with the Decimal color 11993113.

# 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**  
11993113

**Protanopia**  
6774058

**Deuteranopia**  
7690240



**Tritanopia**  
11931904

# Trichromacy



**Original Color**  
11993113

**Protanomaly**  
8665892

**Deuteranomaly**  
9254921

**Tritanomaly**  
11930377

# Monochromacy



**Original Color**  
11993113

**Achromatopsia**  
3815994

**Achromatomaly**  
6759726

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 11993113 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 #B70019 looks like.

```
.text, #text, p{  
    color:#B70019  
}
```

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 #B70019 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B70019
}
```

## Border

The CSS property to change the border of an element to Decimal 11993113 is called "border". The border property can be set on classes, ids or directly on the HTML element.

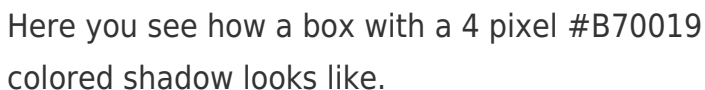
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#B70019 }
```

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

```
.border{ border-color:#B70019 }
```

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



Here you see how a box with a 4 pixel #B70019 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B70019; -webkit-box-shadow:4px 4px  
4px 4px #B70019; box-shadow:4px 4px 4px  
4px #B70019 }
```

# Background

The CSS property to change the background color of an element to Decimal 11993113 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B70019 }
```

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

```
.background{ background-color:#B70019 }
```

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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