

# Converting Colors

Decimal(11993092)

Have a look what the booklet for  
Decimal(11993092) contains.

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**Color**

**Decimal(11993092)**

# Conversions

## Conversions Part 1

Format	Color
Hex	B70004
RGB	183, 0, 4
RGB Percent	72%, 0%, 2%
CMY	0.2824, 1.0000, 0.9843
CMYK	0.00, 1.00, 0.98, 0.28
HSL	359°, 100%, 36%
HSV	359°, 100%, 72%
XYZ	19.5504, 10.0760, 1.0293
YIQ	55.1730, 107.7840, 40.0400

# Conversions

## Conversions Part 2

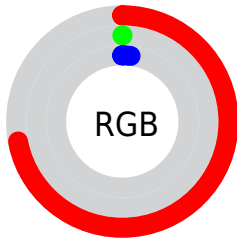
<b>Format</b>	<b>Color</b>
<b>RYB</b>	183, 0, 4
Decimal	11993092
CIELab	37.98, 62.48, 50.78
CIELCh	38, 80.514, 39.099
Yxy	10.0760, 0.6377, 0.3287
Android (android.graphics.Color)	4290183172 (0xFFB70004)
YUV	55.1730, -25.2283, 112.1043
Hunter-Lab	31.7428, 54.3881, 20.2974

# Details

The Decimal color **11993092** is a dark color, and the websafe version is hex **CC0000**. A complement of this color would be **47027**, and the grayscale version is **3618615**.

A 20% lighter version of the original color is **16273461**, and **7798784** is the 20% darker color. If you saturate the color by 10%, you get **11993092**, and if you desaturate by 10%, it is **11997718**.

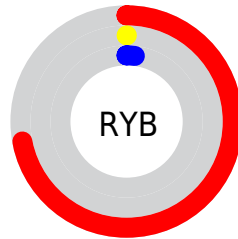
# Distribution



Red (72%)

Green (0%)

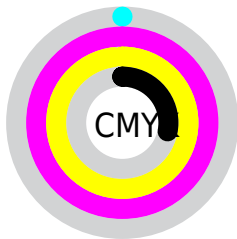
Blue (2%)



Red (72%)

Yellow (0%)

Blue (2%)

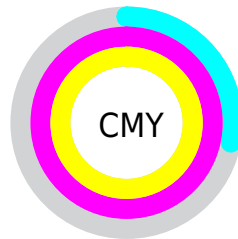


Cyan (0%)

Magenta (100%)

Yellow (98%)

Black (28%)



Cyan (28%)

Magenta (100%)
















Yellow (98%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 11993092 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 11993092 by changing the saturation by 10% instead.



 11993092	 11993092
 16777198	 9895936
 16273461	 7798784
 16739661	 5832704
 16747110	 3932163
 16754304	 1507328
 16761754	 0
 16769205	
 16776913	
 11993092	

 11997718

 12002600

 12007226

 12011852

 12016734

 12021359

 12025985

 12030611

 12035493

# Harmonies

## Analogous

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



12910665



11993092



9520128

# Triad

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



11993092



28710



24029

# Complementary

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



11993092



47027

# 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.



28117



11993092



29292

# Square

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



11993092



27136



29355



7092929

# Rectangle

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



11993092



7362304



29355



25823



# Sweetspot

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



11993092



15574696



11600055



7884110



16250871



7895160



# Same Dimension

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



11993092



15532037



12014848



6050643



10223619



1835009



# Inverse Universe

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



11993092



15532037



25271



6050643



10223619



1835009



# Previews

## White Background



This preview shows how the Decimal color 11993092 looks on a white background.

## Color Contrast Check

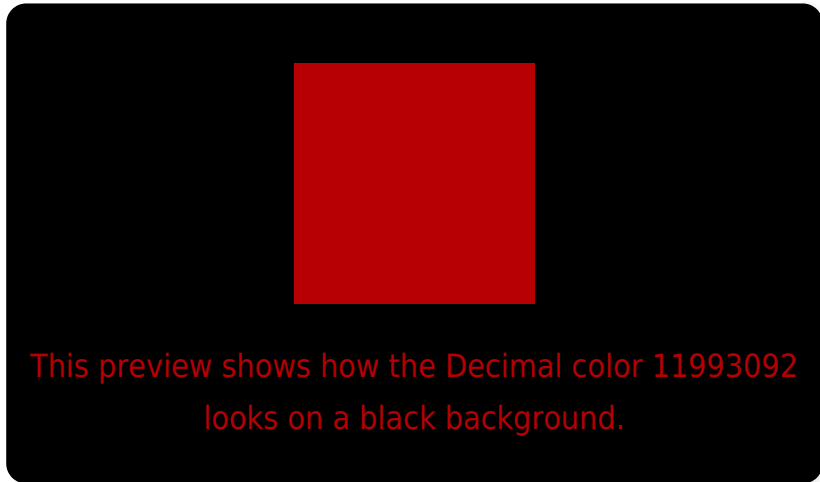
Large Text (above 18pt) WCAG AA ✓ Pass

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 11993092 Background



This preview shows how black text looks on a background with the Decimal color 11993092.



This preview shows how white text looks on a background with the Decimal color 11993092.

# 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**  
11993092

**Protanopia**  
6839576

**Tritanopia**  
11931904

# Trichromacy



**Original Color**  
11993092

**Protanomaly**  
8731409

**Tritanomaly**  
11930369

# Monochromacy



**Original Color**  
11993092

**Achromatopsia**  
3618615

**Achromatomaly**  
6693668

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 11993092 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 #B70004 looks like.

```
.text, #text, p{  
  color:#B70004  
}
```

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 #B70004 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B70004
}
```

## Border

The CSS property to change the border of an element to Decimal 11993092 is called "border". The border property can be set on classes, ids or directly on the HTML element.

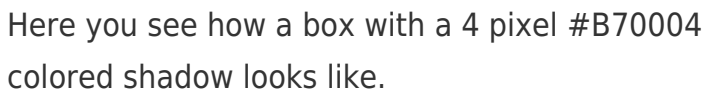
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#B70004 }
```

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

```
.border{ border-color:#B70004 }
```

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



Here you see how a box with a 4 pixel #B70004 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B70004; -webkit-box-shadow:4px 4px  
4px 4px #B70004; box-shadow:4px 4px 4px  
4px #B70004 }
```

# Background

The CSS property to change the background color of an element to Decimal 11993092 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B70004 }
```

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

```
.background{ background-color:#B70004 }
```

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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