

# Converting Colors

Decimal(12320793)

Have a look what the booklet for  
Decimal(12320793) contains.

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# Color

**Decimal(12320793)**

# Conversions

## Conversions Part 1

Format	Color
Hex	BC0019
RGB	188, 0, 25
RGB Percent	74%, 0%, 10%
CMY	0.2627, 1.0000, 0.9020
CMYK	0.00, 1.00, 0.87, 0.26
HSL	352°, 100%, 37%
HSV	352°, 100%, 74%
XYZ	20.9145, 10.7616, 1.8946
YIQ	59.0620, 104.0230, 47.6310

# Conversions

## Conversions Part 2

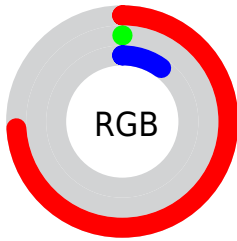
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	188, 0, 25
Decimal	12320793
CIE Lab	39.18, 64.03, 43.30
CIE LCh	39, 77.302, 34.070
Yxy	10.7616, 0.6230, 0.3206
Android (android.graphics.Color)	4290510873 (0xFFBC0019)
YUV	59.0620, -16.7926, 113.0786
Hunter-Lab	32.8048, 56.3932, 19.5392

# Details

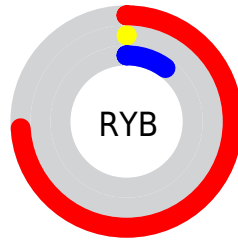
The Decimal color **12320793** is a dark color, and the websafe version is hex **CC3333**. A complement of this color would be **48291**, and the grayscale version is **3881787**.

A 20% lighter version of the original color is **16601670**, and **8192000** is the 20% darker color. If you saturate the color by 10%, you get **12320793**, and if you desaturate by 10%, it is **12325673**.

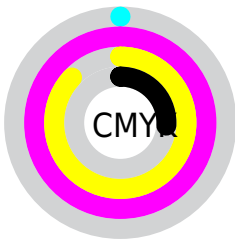
# Distribution



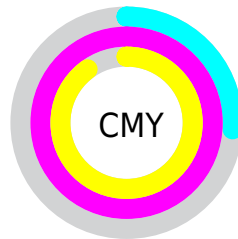
- Red (74%)
- Green (0%)
- Blue (10%)



- Red (74%)
- Yellow (0%)
- Blue (10%)



- Cyan (0%)
- Magenta (100%)
- Yellow (87%)
- Black (26%)



- Cyan (26%)
- Magenta (100%)
- Yellow (90%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 12320793 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 12320793 by changing the saturation by 10% instead.



 12320793	 12320793
 16777215	 10223618
 16601670	 8192000
 16740190	 6160384
 16747383	 4259843
 16754833	 2031617
 16762284	 0
 16769992	
 16777188	
 12320793	

 12325673

 12330554

 12335178

 12340058

 12344938

 12349819

 12354699

 12359323

 12364204

# Harmonies

## Analogous

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



12910679



12320793



10174976

# Triad

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



12320793



29214



25564

# Complementary

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



12320793



48291

# 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.



29135



12320793



30052

# Square

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



12320793



2124544



30114



6112966

# Rectangle

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



12320793



8148480



30114



27100



# Sweetspot

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



12320793



16100277



10682556



8015444



16448250



8026746



# Same Dimension

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



12320793



16056353



12338432



6182230



10354709



2031620



# Inverse Universe

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



12320793



16056353



30652



6182230



10354709



2031620



# Previews

## White Background



This preview shows how the Decimal color 12320793 looks on a white background.

## Color Contrast Check

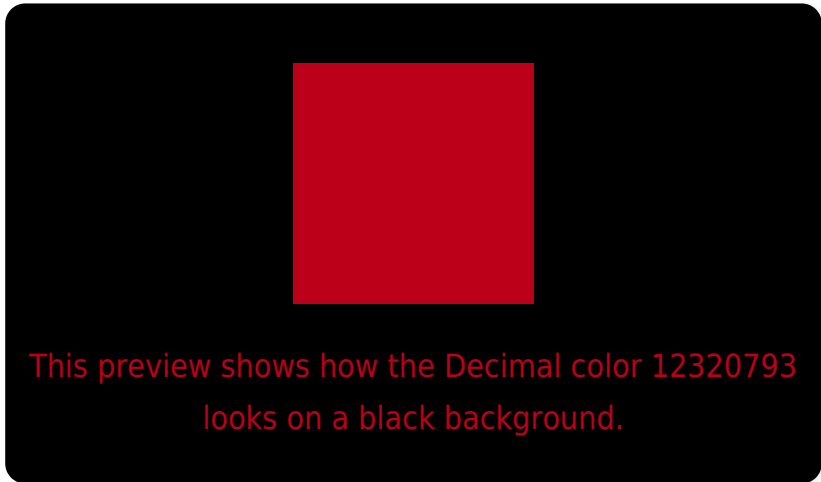
Large Text (above 18pt) WCAG AA ✓ Pass

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 12320793 Background



This preview shows how black text looks on a background with the Decimal color 12320793.



This preview shows how white text looks on a background with the Decimal color 12320793.

# 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**  
12320793

**Protanopia**  
6971178

**Deuteranopia**  
7887360



# Trichromacy



**Original Color**  
12320793

**Protanomaly**  
8928292

**Deuteranomaly**  
9517321

**Tritanomaly**  
12258057

# Monochromacy



**Original Color**  
12320793

**Achromatopsia**  
3881787

**Achromatomaly**  
6956591

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 12320793 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 #BC0019 looks like.

```
.text, #text, p{  
  color:#BC0019  
}
```

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 #BC0019 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #BC0019
}
```

## Border

The CSS property to change the border of an element to Decimal 12320793 is called "border". The border property can be set on classes, ids or directly on the HTML element.

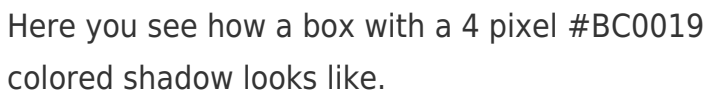
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#BC0019 }
```

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

```
.border{ border-color:#BC0019 }
```

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



Here you see how a box with a 4 pixel `#BC0019` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #BC0019; -webkit-box-shadow:4px 4px  
4px 4px #BC0019; box-shadow:4px 4px 4px  
4px #BC0019 }
```

# Background

The CSS property to change the background color of an element to Decimal 12320793 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#BC0019 }
```

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

```
.background{ background-color:#BC0019 }
```

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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