

# Converting Colors

Decimal(12197126)

Have a look what the booklet for  
Decimal(12197126) contains.

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**Color**

**Decimal(12197126)**

# Conversions

## Conversions Part 1

Format	Color
Hex	BA1D06
RGB	186, 29, 6
RGB Percent	73%, 11%, 2%
CMY	0.2706, 0.8863, 0.9765
CMYK	0.00, 0.84, 0.97, 0.27
HSL	8°, 94%, 38%
HSV	8°, 97%, 73%
XYZ	20.7219, 11.3310, 1.2672
YIQ	73.3210, 100.9550, 26.1310

# Conversions

## Conversions Part 2

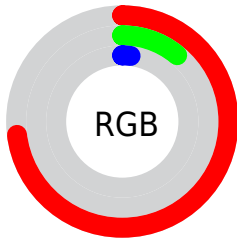
Format	Color
<a href="#">RYB</a>	<a href="#">186, 32, 6</a>
Decimal	<a href="#">12197126</a>
CIELab	<a href="#">40.13, 58.98, 51.46</a>
CIElCh	<a href="#">40, 78.272, 41.102</a>
Yxy	<a href="#">11.3310, 0.6219, 0.3401</a>
Android (android.graphics.Color)	<a href="#">4290387206</a> ( <a href="#">0xFFBA1D06</a> )
YUV	<a href="#">73.3210, -33.1893, 98.8195</a>
Hunter-Lab	<a href="#">33.6615, 50.9764, 21.3310</a>

# Details

The Decimal color **12197126** is a dark color, and the websafe version is hex **CC3300**. A complement of this color would be **435130**, and the grayscale version is **4868682**.

A 20% lighter version of the original color is **16472888**, and **8060928** is the 20% darker color. If you saturate the color by 10%, you get **12195840**, and if you desaturate by 10%, it is **12201241**.

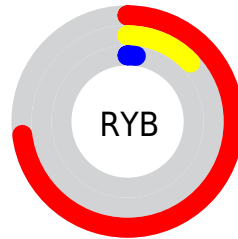
# Distribution



Red (73%)

Green (11%)

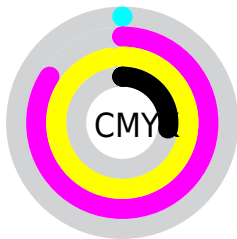
Blue (2%)



Red (73%)

Yellow (13%)

Blue (2%)

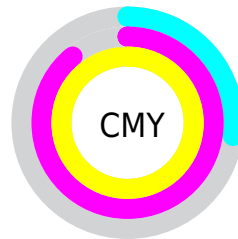


Cyan (0%)

Magenta (84%)

Yellow (97%)

Black (27%)



Cyan (27%)

Magenta (89%)

Yellow (98%)


# Brightness & Saturation Gradients

These gradients show how the Decimal color 12197126 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 12197126 by changing the saturation by 10% instead.



 12197126

 12197126

 16777202

 10158080

 16472888

 8060928

 16742481

 6029312

 16749674

 4259843

 16756868

 1966081

 16764318

 0

 16771770

 16777174

 12197126

 12197126

■ 12195840

■ 12201241

■ 12205355

■ 12209726

■ 12213840

■ 12217955

■ 12222070

■ 12226440

■ 12230555

■ 12234669

# Harmonies

## Analogous

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



13172810



12197126



9718784

# Triad

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



12197126



30258



24799

# Complementary

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



12197126



435130

# 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.



29146



12197126



30838

# Square

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



12197126



28672



30643



7945921

# Rectangle

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



12197126



7494912



30643



26593



# Sweetspot

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



12197126



15906220



12191397



8017232



16448250



8026746



# Same Dimension

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



12197126



15867648



12219654



6050899



10228736



1836032



# Inverse Universe

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



435130



54258



412602



5462876



34972



6172



# Previews

## White Background



This preview shows how the Decimal color 12197126 looks on a white background.

## Color Contrast Check

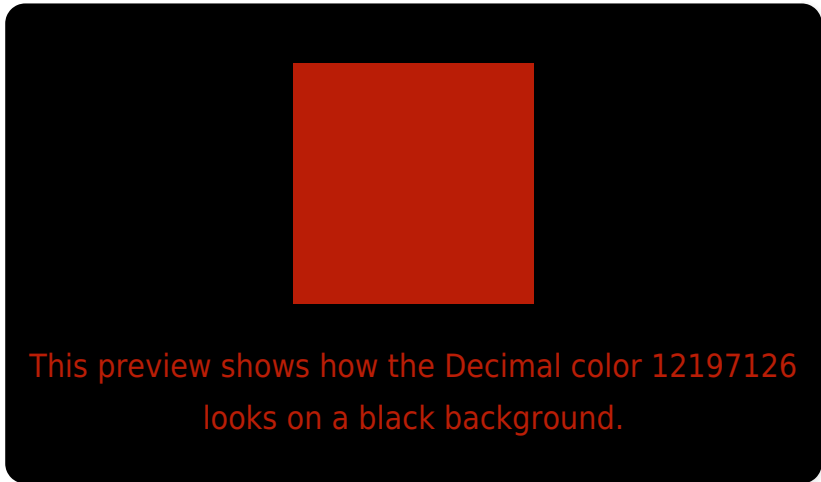
Large Text (above 18pt) WCAG AA ✓ Pass

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 12197126 Background



This preview shows how black text looks on a background with the Decimal color 12197126.



This preview shows how white text looks on a background with the Decimal color 12197126.

# 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



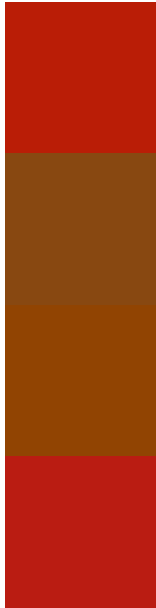
**Original Color**  
12197126

**Protanopia**  
7102488

**Deuteranopia**  
7953152



# Trichromacy



**Original Color**  
12197126

**Protanomaly**  
8931345

**Deuteranomaly**  
9520130

**Tritanomaly**  
12196882

# Monochromacy



**Original Color**  
12197126

**Achromatopsia**  
4802889

**Achromatomaly**  
7485745

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 12197126 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 #BA1D06 looks like.

```
.text, #text, p{  
  color:#BA1D06  
}
```

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 #BA1D06 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #BA1D06
}
```

## Border

The CSS property to change the border of an element to Decimal 12197126 is called "border". The border property can be set on classes, ids or directly on the HTML element.

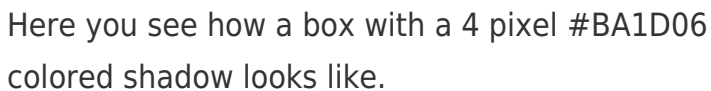
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#BA1D06 }
```

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

```
.border{ border-color:#BA1D06 }
```

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



Here you see how a box with a 4 pixel `#BA1D06` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #BA1D06; -webkit-box-shadow:4px 4px  
4px 4px #BA1D06; box-shadow:4px 4px 4px  
4px #BA1D06 }
```

# Background

The CSS property to change the background color of an element to Decimal 12197126 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#BA1D06 }
```

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

```
.background{ background-color:#BA1D06 }
```

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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