

# Converting Colors

Decimal(12726060)

Have a look what the booklet for  
Decimal(12726060) contains.

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# Color

**Decimal(12726060)**

# Conversions

## Conversions Part 1

Format	Color
Hex	C22F2C
RGB	194, 47, 44
RGB Percent	76%, 18%, 17%
CMY	0.2392, 0.8157, 0.8275
CMYK	0.00, 0.76, 0.77, 0.24
HSL	1°, 63%, 47%
HSV	1°, 77%, 76%
XYZ	23.7193, 13.6842, 3.7740
YIQ	90.6110, 88.5750, 30.2310

# Conversions

## Conversions Part 2

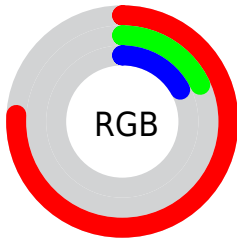
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	<a href="#">194, 47, 44</a>
Decimal	<a href="#">12726060</a>
CIELab	<a href="#">43.78, 57.13, 37.85</a>
CIElCh	<a href="#">44, 68.536, 33.526</a>
Yxy	<a href="#">13.6842, 0.5760, 0.3323</a>
Android (android.graphics.Color)	<a href="#">4290916140</a> ( <a href="#">0xFFC22F2C</a> )
YUV	<a href="#">90.6110, -22.9792, 90.6722</a>
Hunter-Lab	<a href="#">36.9922, 49.7173, 19.8456</a>

# Details

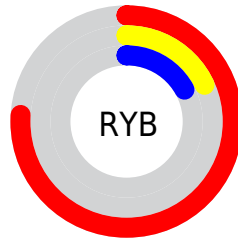
The Decimal color **12726060** is a dark color, and the websafe version is hex **CC3333**. The color can be described as dark muted red. A complement of this color would be **2932674**, and the grayscale version is **5987163**.

A 20% lighter version of the original color is **16738651**, and **8650752** is the 20% darker color. If you saturate the color by 10%, you get **12721177**, and if you desaturate by 10%, it is **12730943**.

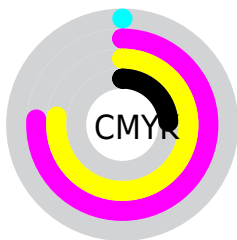
# Distribution



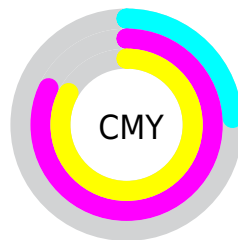
- Red (76%)
- Green (18%)
- Blue (17%)



- Red (76%)
- Yellow (18%)
- Blue (17%)



- Cyan (0%)
- Magenta (76%)
- Yellow (77%)
- Black (24%)




- Cyan (24%)
- Magenta (82%)
- Yellow (83%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 12726060 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 12726060 by changing the saturation by 10% instead.



 12726060	 12726060
 16777215	 10683414
 16738651	 8650752
 16745843	 6619136
 16753037	 4718593
 16760232	 2818049
 16767683	 0
 16775391	
 16777212	
 12726060	 12726060

■ 12721177

■ 12730943

■ 12716293

■ 12735827

■ 12715008

■ 12740710

■ 12745594

■ 12750477

■ 12755360

■ 12760244

■ 12765127

■ 12770011

# Harmonies

## Analogous

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



13112163



12726060



10833920

# Triad

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



12726060



31793



28123

# Complementary

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



12726060



2932674

# 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.



31438



12726060



32621

# Square

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



12726060



3962112



32677



7034312

# Rectangle

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



12726060



8937728



32677



29658



# Sweetspot

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



12726060



16565442



12725440



8412508



0



8421504



# Same Dimension

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



12726060



16520722



12745260



6379351



10552064



2162944



# Inverse Universe

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



2932674



1243388



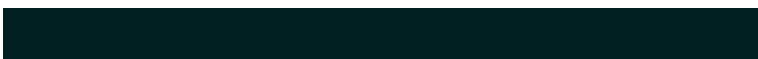
2913730



5726561



40353



8225



# Previews

## White Background



This preview shows how the Decimal color 12726060 looks on a white background.

## Color Contrast Check

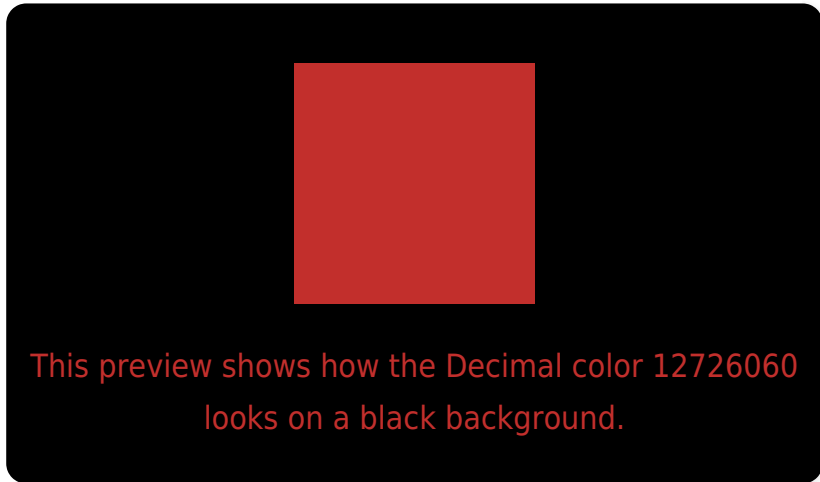
Large Text (above 18pt) WCAG AA ✓ Pass

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 12726060 Background



This preview shows how black text looks on a background with the Decimal color 12726060.



This preview shows how white text looks on a background with the Decimal color 12726060.

# 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





# Trichromacy



**Original Color**  
12726060

**Protanomaly**  
9392951

**Deuteranomaly**  
10113061

**Tritanomaly**  
12725807

# Monochromacy



**Original Color**  
12726060

**Achromatopsia**  
5987163

**Achromatomaly**  
8407882

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 12726060 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 #C22F2C looks like.

```
.text, #text, p{  
    color:#C22F2C  
}
```

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 #C22F2C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C22F2C
}
```

## Border

The CSS property to change the border of an element to Decimal 12726060 is called "border". The border property can be set on classes, ids or directly on the HTML element.

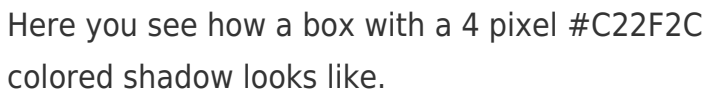
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#C22F2C }
```

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

```
.border{ border-color:#C22F2C }
```

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



Here you see how a box with a 4 pixel `#C22F2C` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C22F2C; -webkit-box-shadow:4px 4px  
4px 4px #C22F2C; box-shadow:4px 4px 4px  
4px #C22F2C }
```

# Background

The CSS property to change the background color of an element to Decimal 12726060 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C22F2C }
```

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

```
.background{ background-color:#C22F2C }
```

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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