

# Converting Colors

Decimal(12855826)

Have a look what the booklet for  
Decimal(12855826) contains.

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# Color

**Decimal(12855826)**

# Conversions

## Conversions Part 1

Format	Color
Hex	C42A12
RGB	196, 42, 18
RGB Percent	77%, 16%, 7%
CMY	0.2314, 0.8353, 0.9294
CMYK	0.00, 0.79, 0.91, 0.23
HSL	8°, 83%, 42%
HSV	8°, 91%, 77%
XYZ	23.7021, 13.4354, 1.9163
YIQ	85.3100, 99.4880, 25.1840

# Conversions

## Conversions Part 2

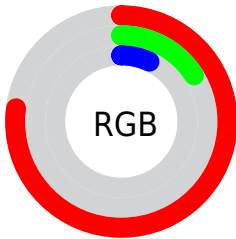
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	<a href="#">196, 46, 18</a>
Decimal	<a href="#">12855826</a>
CIELab	<a href="#">43.41, 58.63, 50.41</a>
CIELCh	<a href="#">43, 77.323, 40.690</a>
Yxy	<a href="#">13.4354, 0.6069, 0.3440</a>
Android (android.graphics.Color)	<a href="#">4291045906 (0xFFC42A12)</a>
YUV	<a href="#">85.3100, -33.1838, 97.0751</a>
Hunter-Lab	<a href="#">36.6543, 51.2801, 22.5583</a>

# Details

The Decimal color **12855826** is a dark color, and the websafe version is hex **CC3300**. The color can be described as dark washed red. A complement of this color would be **1223876**, and the grayscale version is **5658198**.

A 20% lighter version of the original color is **16737602**, and **8716288** is the 20% darker color. If you saturate the color by 10%, you get **12851712**, and if you desaturate by 10%, it is **12860198**.

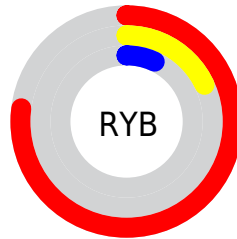
# Distribution



Red (77%)

Green (16%)

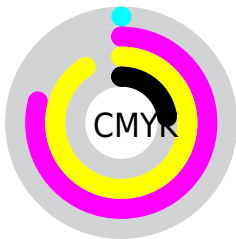
Blue (7%)



Red (77%)

Yellow (18%)

Blue (7%)

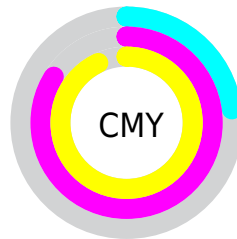


Cyan (0%)

Magenta (79%)

Yellow (91%)

Black (23%)



Cyan (23%)

Magenta (84%)

Yellow (93%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 12855826 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 12855826 by changing the saturation by 10% instead.



 12855826	 12855826
 16777214	 10747904
 16737602	 8716288
 16744795	 6684672
 16751988	 4718593
 16759438	 2818049
 16766889	 0
 16774341	
 16777185	
 12855826	 12855826

■ 12851712

■ 12860198

■ 12864569

■ 12868941

■ 12873312

■ 12877684

■ 12882056

■ 12886427

■ 12890799

■ 12895170

# Harmonies

## Analogous

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



13828179



12855826



10375936

# Triad

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



12855826



32313



26855

# Complementary

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



12855826



1223876

# 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.



31201



12855826



33149

# Square

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



12855826



489472



32954



8472521

# Rectangle

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



12855826



8152320



32954



28649



# Sweetspot

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



12855826



16761786



12849836



8412247



0



8421504



# Same Dimension

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



12855826



16720384



12878610



6379863



10556928



2163712

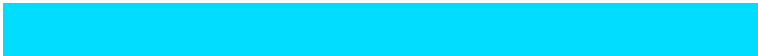


# Inverse Universe

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



1223876



56831



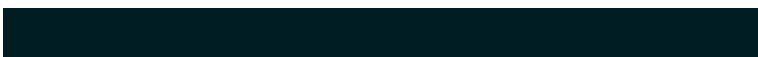
1201092



5726305



35745



7457



# Previews

## White Background



This preview shows how the Decimal color 12855826 looks on a white background.

## Color Contrast Check

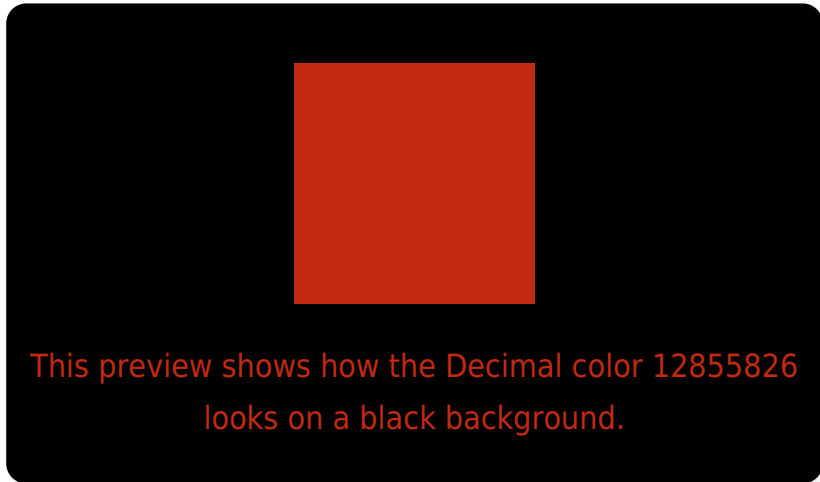
Large Text (above 18pt) WCAG AA ✓ Pass

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 12855826 Background



This preview shows how black text looks on a background with the Decimal color 12855826.



This preview shows how white text looks on a background with the Decimal color 12855826.

# 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



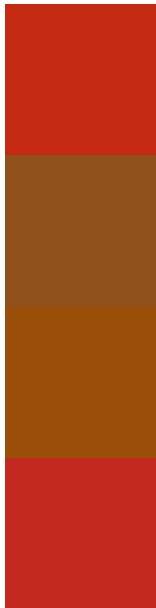
**Original Color**  
12855826

**Protanopia**  
7628832

**Deuteranopia**  
8610304



# Trichromacy



**Original Color**  
12855826

**Protanomaly**  
9523483

**Deuteranomaly**  
10178055

**Tritanomaly**  
12855584

# Monochromacy



**Original Color**  
12855826

**Achromatopsia**  
5592405

**Achromatomaly**  
8209725

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 12855826 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 #C42A12 looks like.

```
.text, #text, p{  
  color:#C42A12  
}
```

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 #C42A12 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C42A12
}
```

## Border

The CSS property to change the border of an element to Decimal 12855826 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".

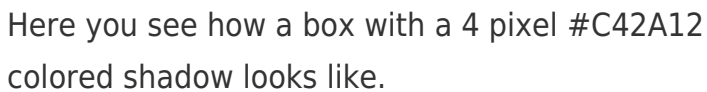
```
.border, #border, table{ border:4px solid
#C42A12 }
```

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

```
.border{ border-color:#C42A12 }
```

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

Here you see how a box with a 4 pixel #C42A12 colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C42A12; -webkit-box-shadow:4px 4px  
4px 4px #C42A12; box-shadow:4px 4px 4px  
4px #C42A12 }
```

# Background

The CSS property to change the background color of an element to Decimal 12855826 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C42A12 }
```

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

```
.background{ background-color:#C42A12 }
```

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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