

# Converting Colors

Decimal(13175306)

Have a look what the booklet for  
Decimal(13175306) contains.

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# Color

**Decimal(13175306)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	C90A0A
RGB	201, 10, 10
RGB Percent	79%, 4%, 4%
CMY	0.2118, 0.9608, 0.9608
CMYK	0.00, 0.95, 0.95, 0.21
HSL	0°, 91%, 41%
HSV	0°, 95%, 79%
XYZ	24.2507, 12.6565, 1.4520
YIQ	67.1090, 113.8360, 40.4920

# Conversions

## Conversions Part 2

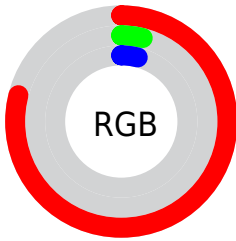
Format	Color
<a href="#">RYB</a>	<a href="#">201, 10, 10</a>
Decimal	<a href="#">13175306</a>
CIELab	<a href="#">42.24, 66.09, 52.99</a>
CIELCh	<a href="#">42, 84.707, 38.722</a>
Yxy	<a href="#">12.6565, 0.6322, 0.3299</a>
Android (android.graphics.Color)	<a href="#">4291365386</a> ( <a href="#">0xFFC90A0A</a> )
YUV	<a href="#">67.1090, -28.1547, 117.4224</a>
Hunter-Lab	<a href="#">35.5760, 59.4183, 22.4834</a>

# Details

The Decimal color **13175306** is a dark color, and the websafe version is hex **CC0000**. The color can be described as dark washed red. A complement of this color would be **707017**, and the grayscale version is **4408131**.

A 20% lighter version of the original color is **16734011**, and **8978432** is the 20% darker color. If you saturate the color by 10%, you get **13172736**, and if you desaturate by 10%, it is **13180446**.

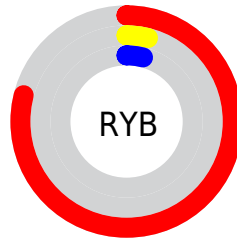
# Distribution



Red (79%)

Green (4%)

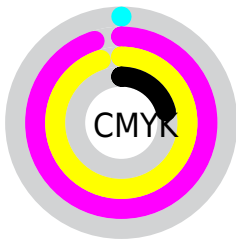
Blue (4%)



Red (79%)

Yellow (4%)

Blue (4%)

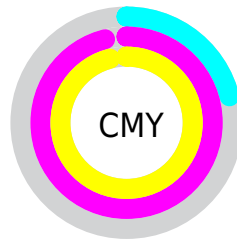


Cyan (0%)

Magenta (95%)

Yellow (95%)

Black (21%)



Cyan (21%)

Magenta (96%)


Yellow (96%)


# Brightness & Saturation Gradients

These gradients show how the Decimal color 13175306 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 13175306 by changing the saturation by 10% instead.



 13175306

 13175306

 16777206

 11075584

 16734011

 8978432

 16741460

 6881280

 16748909

 4915203

 16756359


 2949121

 16763810

 0

 16771517

 16777177

 13175306

 13175306

■ 13172736

■ 13180446

■ 13185586

■ 13190726

■ 13195866

■ 13201263

■ 13206403

■ 13211543

■ 13216683

■ 13221823

# Harmonies

## Analogous

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



14155859



13175306



10570752

# Triad

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



13175306



31788



26865

# Complementary

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



13175306



707017

# 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.



31208



13175306



32631

# Square

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



13175306



30208



32699



7816147

# Rectangle

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



13175306



8216576



32699



28659



# Sweetspot

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



13175306



16758197



13175497



8409939



0



8421504



# Same Dimension

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



13175306



16711680



13199882



6511194



10682368



2359296



# Inverse Universe

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



707017



65535



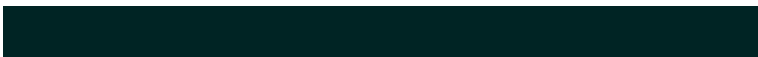
682697



5923683



41891



9252



# Previews

## White Background



This preview shows how the Decimal color 13175306 looks on a white background.

## Color Contrast Check

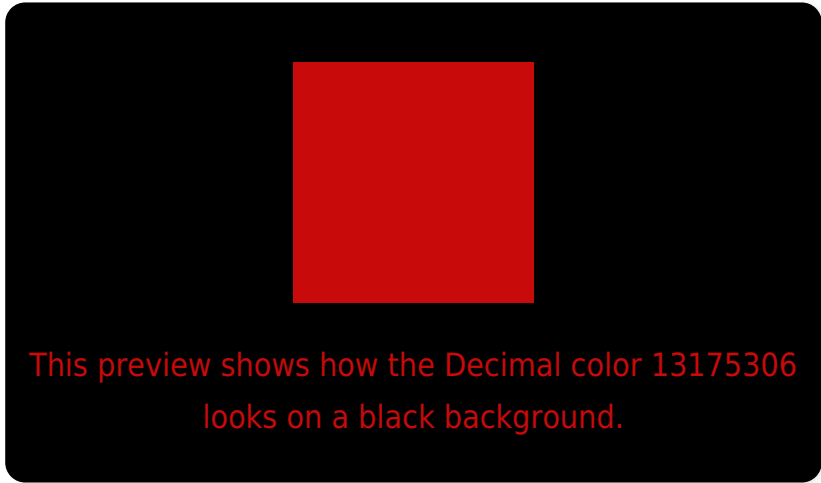
Large Text (above 18pt) WCAG AA ✓ Pass

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 13175306 Background



This preview shows how black text looks on a background with the Decimal color 13175306.



This preview shows how white text looks on a background with the Decimal color 13175306.

# 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**  
13175306

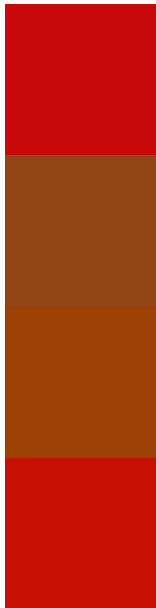
**Protanopia**  
7497245

**Deuteranopia**  
8413440



**Tritanopia**  
13111808

# Trichromacy



**Original Color**  
13175306

**Protanomaly**  
9585942

**Deuteranomaly**  
10174724

**Tritanomaly**  
13111044

# Monochromacy



**Original Color**  
13175306

**Achromatopsia**  
4408131

**Achromatomaly**  
7613998

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 13175306 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 #C90A0A looks like.

```
.text, #text, p{  
  color:#C90A0A  
}
```

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 #C90A0A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C90A0A
}
```

## Border

The CSS property to change the border of an element to Decimal 13175306 is called "border". The border property can be set on classes, ids or directly on the HTML element.

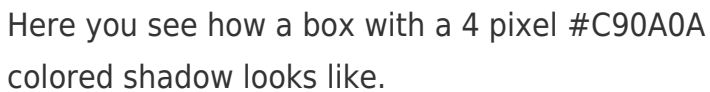
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#C90A0A }
```

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

```
.border{ border-color:#C90A0A }
```

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



Here you see how a box with a 4 pixel `#C90A0A` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C90A0A; -webkit-box-shadow:4px 4px  
4px 4px #C90A0A; box-shadow:4px 4px 4px  
4px #C90A0A }
```

# Background

The CSS property to change the background color of an element to Decimal 13175306 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C90A0A }
```

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

```
.background{ background-color:#C90A0A }
```

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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