

# Converting Colors

Decimal(13830716)

Have a look what the booklet for  
Decimal(13830716) contains.

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**Color**

**Decimal(13830716)**

# Conversions

## Conversions Part 1

Format	Color
Hex	D30A3C
RGB	211, 10, 60
RGB Percent	83%, 4%, 24%
CMY	0.1725, 0.9608, 0.7647
CMYK	0.00, 0.95, 0.72, 0.17
HSL	345°, 91%, 43%
HSV	345°, 95%, 83%
XYZ	27.7881, 14.3922, 5.5883
YIQ	75.7990, 103.7460, 58.1620

# Conversions

## Conversions Part 2

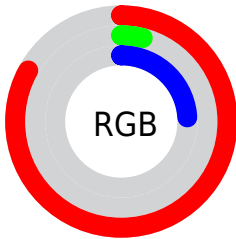
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	<a href="#">211, 10, 60</a>
Decimal	<a href="#">13830716</a>
CIELab	<a href="#">44.79, 69.82, 30.49</a>
CIElCh	<a href="#">45, 76.189, 23.586</a>
Yxy	<a href="#">14.3922, 0.5817, 0.3013</a>
Android (android.graphics.Color)	<a href="#">4292020796</a> ( <a href="#">0xFFD30A3C</a> )
YUV	<a href="#">75.7990, -7.7889, 118.5713</a>
Hunter-Lab	<a href="#">37.9371, 64.3577, 17.8222</a>

# Details

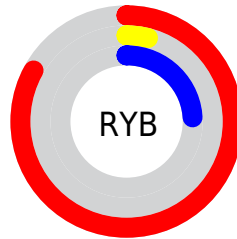
The Decimal color **13830716** is a dark color, and the websafe version is hex **CC0033**. The color can be described as dark washed red. A complement of this color would be **709537**, and the grayscale version is **5000268**.

A 20% lighter version of the original color is **16734827**, and **9699347** is the 20% darker color. If you saturate the color by 10%, you get **13828148**, and if you desaturate by 10%, it is **13836108**.

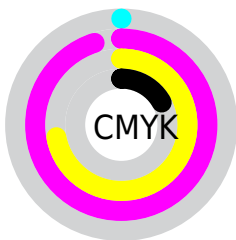
# Distribution



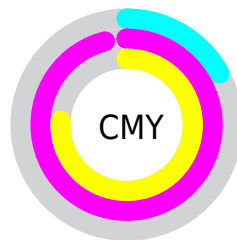
- Red (83%)
- Green (4%)
- Blue (24%)



- Red (83%)
- Yellow (4%)
- Blue (24%)



- Cyan (0%)
- Magenta (95%)
- Yellow (72%)
- Black (17%)



- Cyan (17%)
- Magenta (96%)
- Yellow (76%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 13830716 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 13830716 by changing the saturation by 10% instead.



 13830716

 13830716

16777215

 11730983

 16734827

 9699347

 16742532

 7602176

 16749982

 5570562

 16757689

 3604482

 16765141

 720896

 16772849

 0

 13830716

 13830716

 13828148

 13836108

 13841500

 13846892

 13852283

 13857675

 13863323

 13868715

 13874107

 13879499

# Harmonies

## Analogous

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



13631610



13830716



12141312

# Triad

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



13830716



32526



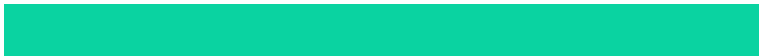
30698

# Complementary

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



13830716



709537

# 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.



33233



13830716



33626

# Square

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



13830716



5338368



33947



3432416

# Rectangle

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



13830716



10312192



33947



31717



# Sweetspot

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



13830716



16758215



10554067



8409950



0



8421504



# Same Dimension

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



13830716



16711743



13843466



6905441



11010090



2686986



# Inverse Universe

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



13830716



16711743



696787



6905441



11010090



2686986



# Previews

## White Background



This preview shows how the Decimal color 13830716 looks on a white background.

## Color Contrast Check

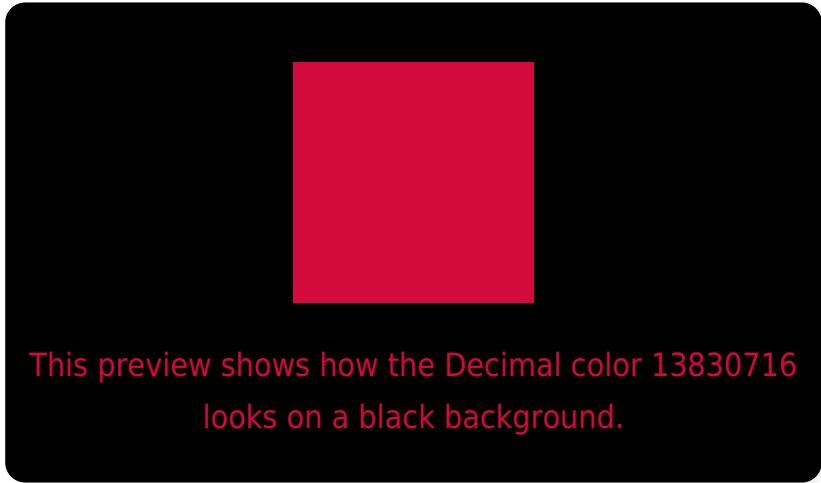
Large Text (above 18pt) WCAG AA ✓ Pass

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 13830716 Background



This preview shows how black text looks on a background with the Decimal color 13830716.

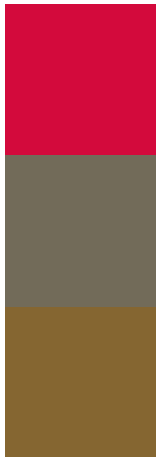


This preview shows how white text looks on a background with the Decimal color 13830716.

# 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**  
13830716

**Protanopia**  
7498585

**Deuteranopia**  
8742449



**Tritanopia**  
13769237

# Trichromacy



**Original Color**  
13830716



**Protanomaly**  
9783374



**Deuteranomaly**  
10569013



**Tritanomaly**  
13767715

# Monochromacy



**Original Color**  
13830716



**Achromatopsia**  
5000268



**Achromatomaly**  
8205382

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 13830716 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 #D30A3C looks like.

```
.text, #text, p{  
  color:#D30A3C  
}
```

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 #D30A3C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #D30A3C
}
```

## Border

The CSS property to change the border of an element to Decimal 13830716 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
#D30A3C }
```

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

```
.border{ border-color:#D30A3C }
```

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

Here you see how a box with a 4 pixel #D30A3C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #D30A3C; -webkit-box-shadow:4px 4px  
4px 4px #D30A3C; box-shadow:4px 4px 4px  
4px #D30A3C }
```

# Background

The CSS property to change the background color of an element to Decimal 13830716 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#D30A3C }
```

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

```
.background{ background-color:#D30A3C }
```

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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