

Converting Colors

Decimal(13834259)

Have a look what the booklet for
Decimal(13834259) contains.

Decimal(13834259)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Decimal(13834259)

Conversions

Conversions Part 1

Format	Color
Hex	D31813
RGB	211, 24, 19
RGB Percent	83%, 9%, 7%
CMY	0.1725, 0.9059, 0.9255
CMYK	0.00, 0.89, 0.91, 0.17
HSL	2°, 83%, 45%
HSV	2°, 91%, 83%
XYZ	27.3081, 14.5492, 1.9851
YIQ	79.3430, 113.0570, 38.0890

Conversions

Conversions Part 2

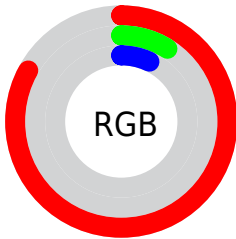
Format	Color
R_{YB}	211, 24, 19
Decimal	13834259
CIE Lab	45.01, 66.95, 52.55
CIE LCh	45, 85.115, 38.128
Yxy	14.5492, 0.6229, 0.3319
Android (android.graphics.Color)	4292024339 (0xFFD31813)
YUV	79.3430, -29.7491, 115.4632
Hunter-Lab	38.1434, 61.0434, 23.6148

Details

The Decimal color **13834259** 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 **1298131**, and the grayscale version is **5263440**.

A 20% lighter version of the original color is **16735811**, and **9568256** is the 20% darker color. If you saturate the color by 10%, you get **13829376**, and if you desaturate by 10%, it is **13839656**.

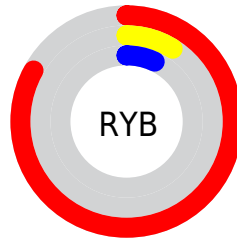
Distribution



Red (83%)

Green (9%)

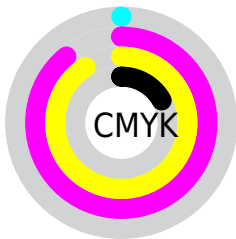
Blue (7%)



Red (83%)

Yellow (9%)

Blue (7%)

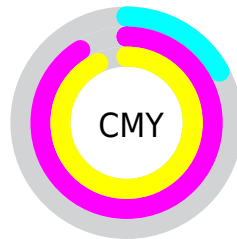


Cyan (0%)

Magenta (89%)

Yellow (91%)

Black (17%)



Cyan (17%)


Magenta (91%)

Yellow (93%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 13834259 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 13834259 by changing the saturation by 10% instead.

 13834259	 13834259
16777215	 11730944
 16735811	 9568256
 16743260	 7471104
 16750709	 5505026
 16758159	 3538946
 16765866	 393216
 16773318	 0
 16777186	
 13834259	 13834259

■ 13829376

■ 13839656

■ 13844797

■ 13850194

■ 13855335

■ 13860732

■ 13865874

■ 13871271

■ 13876412

■ 13881809

Harmonies

Analogous

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



14745691



13834259



11227648

Triad

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



13834259



33840



28666

Complementary

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



13834259



1298131

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.



33008



13834259



34429

Square

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



13834259



490752



34498



8211420

Rectangle

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



13834259



8808192



34498



30459

Sweetspot

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



13834259



16759994



13833168



8411223



0



8421504

Same Dimension

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



13834259



16713472



13858323



6905438



11011072



2687232

Inverse Universe

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



1298131



63743



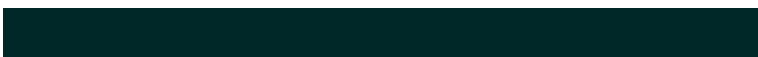
1274067



6187113



42152



10281

Previews

White Background



This preview shows how the Decimal color 13834259 looks on a white background.

Color Contrast Check

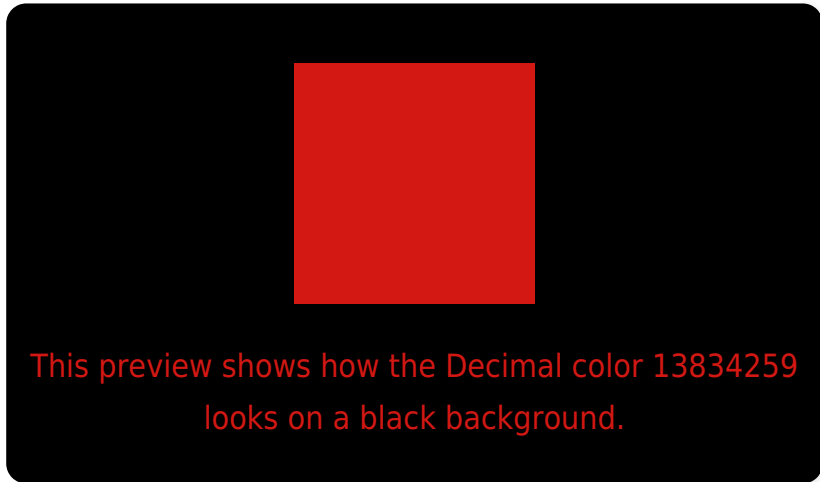
Large Text (above 18pt) WCAG AA ✓ Pass

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 13834259 Background



This preview shows how black text looks on a background with the Decimal color 13834259.



This preview shows how white text looks on a background with the Decimal color 13834259.

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
13834259

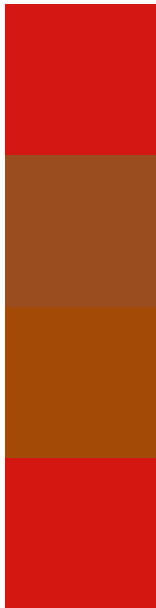
Protanopia
7957541

Deuteranopia
8939008



Tritanopia
13834258

Trichromacy



Original Color
13834259

Protanomaly
10112286

Deuteranomaly
10701319

Tritanomaly
13834258

Monochromacy



Original Color
13834259

Achromatopsia
5197647

Achromatomaly
8338233

CSS Examples

Text

The CSS property to change the color of the text to Decimal 13834259 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 #D31813 looks like.

```
.text, #text, p{  
  color:#D31813  
}
```

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 #D31813 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #D31813
}
```

Border

The CSS property to change the border of an element to Decimal 13834259 is called "border". The border property can be set on classes, ids or directly on the HTML element.

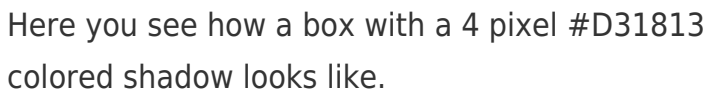
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#D31813 }
```

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

```
.border{ border-color:#D31813 }
```

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



Here you see how a box with a 4 pixel #D31813 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #D31813; -webkit-box-shadow:4px 4px  
4px 4px #D31813; box-shadow:4px 4px 4px  
4px #D31813 }
```

Background

The CSS property to change the background color of an element to Decimal 13834259 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#D31813 }
```

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

```
.background{ background-color:#D31813 }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor