

Converting Colors

Decimal(13309971)

Have a look what the booklet for
Decimal(13309971) contains.

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Color

Decimal(13309971)

Conversions

Conversions Part 1

| Format | Color |
|---------------|----------------------------|
| Hex | CB1813 |
| RGB | 203, 24, 19 |
| RGB Percent | 80%, 9%, 7% |
| CMY | 0.2039, 0.9059, 0.9255 |
| CMYK | 0.00, 0.88, 0.91, 0.20 |
| HSL | 2°, 83%, 44% |
| HSV | 2°, 91%, 80% |
| XYZ | 25.0728, 13.3968, 1.8805 |
| YIQ | 76.9510, 108.2890, 36.3930 |

Conversions

Conversions Part 2

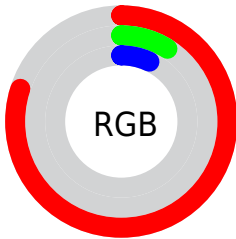
| Format | Color |
|-------------------------------------|---|
| RYB | 203, 24, 19 |
| Decimal | 13309971 |
| CIELab | 43.36, 64.83, 50.64 |
| CIElCh | 43, 82.263, 37.994 |
| Yxy | 13.3968, 0.6214, 0.3320 |
| Android (android.graphics.Color) | 4291500051 (0xFFCB1813) |
| YUV | 76.9510, -28.5698, 110.5450 |
| Hunter-Lab | 36.6016, 58.2229, 22.5750 |

Details

The Decimal color **13309971** 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 **1296075**, and the grayscale version is **5066061**.

A 20% lighter version of the original color is **16735298**, and **9109504** is the 20% darker color. If you saturate the color by 10%, you get **13305344**, and if you desaturate by 10%, it is **13315111**.

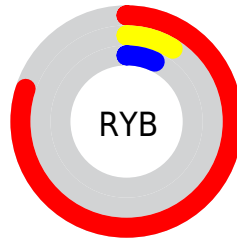
Distribution



Red (80%)

Green (9%)

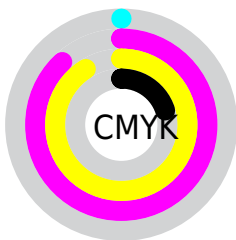
Blue (7%)



Red (80%)

Yellow (9%)

Blue (7%)

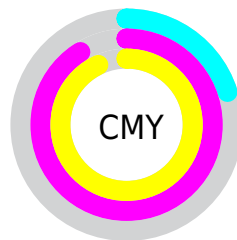


Cyan (0%)

Magenta (88%)

Yellow (91%)

Black (20%)



Cyan (20%)

















Magenta (91%)

Yellow (93%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 13309971 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 13309971 by changing the saturation by 10% instead.

| | |
|--|--|
|  13309971 |  13309971 |
| 16777214 |  11206656 |
|  16735298 |  9109504 |
|  16742747 |  7012352 |
|  16750196 |  5046274 |
|  16757646 |  3080194 |
|  16765097 |  0 |
|  16772805 | |
|  16777185 | |
|  13309971 |  13309971 |

■ 13305344

■ 13315111

■ 13319996

■ 13325136

■ 13330276

■ 13335417

■ 13340301

■ 13345441

■ 13350581

■ 13355722

Harmonies

Analogous

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



14155864



13309971



10833664

Triad

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



13309971



32558



27632

Complementary

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



13309971



1296075

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.



31719



13309971



33144

Square

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



13309971



817152



33210



7882964

Rectangle

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



13309971



8479488



33210



29425

Sweetspot

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



13309971



16759994



13308872



8411223



0



8421504

Same Dimension

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



13309971



16713472



13333011



6708316



10880256



2490624

Inverse Universe

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



1296075



63743



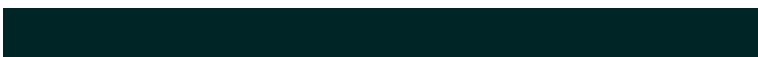
1273035



605526



41382



9510

Previews

White Background



This preview shows how the Decimal color 13309971 looks on a white background.

Color Contrast Check

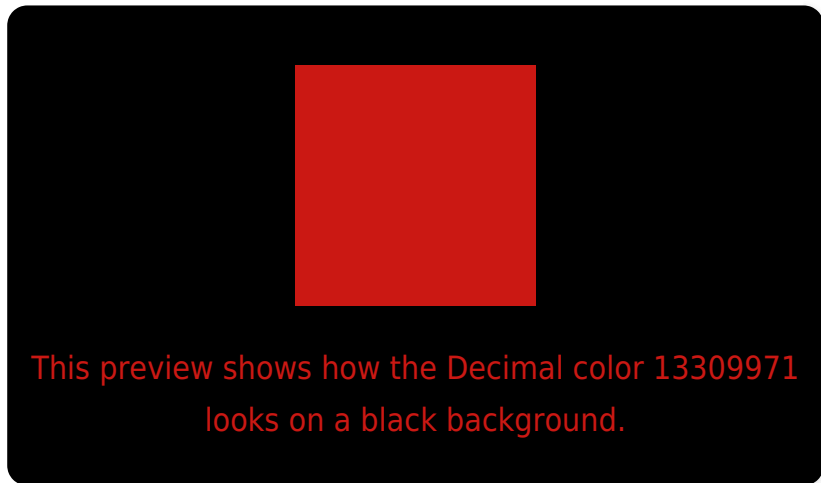
Large Text (above 18pt) WCAG AA ✓ Pass

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 13309971 Background



This preview shows how black text looks on a background with the Decimal color 13309971.



This preview shows how white text looks on a background with the Decimal color 13309971.

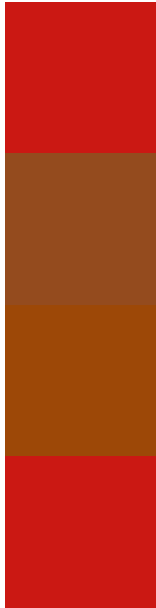
Color Blindness Simulation

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
13309971

Protanomaly
9718558

Deuteranomaly
10307591

Tritanomaly
13309971

Monochromacy



Original Color
13309971

Achromatopsia
5066061

Achromatomaly
8075832

CSS Examples

Text

The CSS property to change the color of the text to Decimal 13309971 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 #CB1813 looks like.

```
.text, #text, p{  
  color:#CB1813  
}
```

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 #CB1813 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #CB1813
}
```

Border

The CSS property to change the border of an element to Decimal 13309971 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".

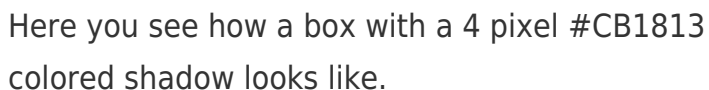
```
.border, #border, table{ border:4px solid
#CB1813 }
```

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

```
.border{ border-color:#CB1813 }
```

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

Here you see how a box with a 4 pixel #CB1813 colored shadow looks like.

A rectangular box with a thick red border and a red shadow. The shadow is cast to the right and bottom of the box, creating a 3D effect. The text inside the box is black and reads: "Here you see how a box with a 4 pixel #CB1813 colored shadow looks like."

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #CB1813; -webkit-box-shadow:4px 4px  
4px 4px #CB1813; box-shadow:4px 4px 4px  
4px #CB1813 }
```

Background

The CSS property to change the background color of an element to Decimal 13309971 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#CB1813 }
```

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

```
.background{ background-color:#CB1813 }
```

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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