

Converting Colors

Decimal(13643780)

Have a look what the booklet for
Decimal(13643780) contains.

| | |
|--|----|
| Decimal(13643780) | 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(13643780)

Conversions

Conversions Part 1

| Format | Color |
|---------------|----------------------------|
| Hex | D03004 |
| RGB | 208, 48, 4 |
| RGB Percent | 82%, 19%, 2% |
| CMY | 0.1843, 0.8118, 0.9843 |
| CMYK | 0.00, 0.77, 0.98, 0.18 |
| HSL | 13°, 96%, 42% |
| HSV | 13°, 98%, 82% |
| XYZ | 27.0913, 15.5326, 1.6851 |
| YIQ | 90.8240, 109.4840, 20.2360 |

Conversions

Conversions Part 2

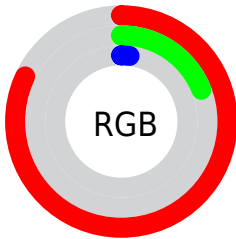
| Format | Color |
|-------------------------------------|--------------------------------|
| RYB | 208, 60, 4 |
| Decimal | 13643780 |
| CIELab | 46.36, 60.28, 57.67 |
| CIElCh | 46, 83.424, 43.731 |
| Yxy | 15.5326, 0.6114, 0.3506 |
| Android (android.graphics.Color) | 4291833860 (0xFFD03004) |
| YUV | 90.8240, -42.8042, 102.7634 |
| Hunter-Lab | 39.4114, 53.7306, 25.0530 |

Details

The Decimal color **13643780** 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 **304336**, and the grayscale version is **5987163**.

A 20% lighter version of the original color is **16739131**, and **9437184** is the 20% darker color. If you saturate the color by 10%, you get **13643008**, and if you desaturate by 10%, it is **13647897**.

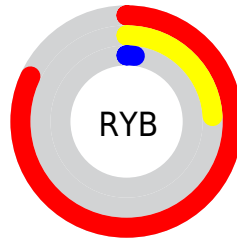
Distribution



Red (82%)

Green (19%)

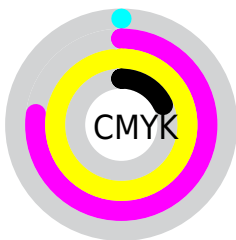
Blue (2%)



Red (82%)

Yellow (24%)

Blue (2%)

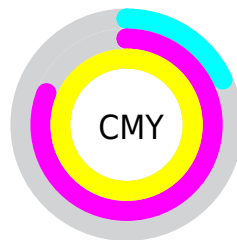


Cyan (0%)

Magenta (77%)

Yellow (98%)

Black (18%)



Cyan (18%)

Magenta (81%)

Yellow (98%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 13643780 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 13643780 by changing the saturation by 10% instead.

 13643780

 13643780

 16777207

 11534592

 16739131

 9437184

 16746324

 7340032

 16753774

 5373953

 16760968

 3473410

 16768419

 262144

 16776126

 0

 16777179

 13643780

 13643780

■ 13643008

■ 13647897

■ 13652270

■ 13656386

■ 13660503

■ 13664876

■ 13668993

■ 13673110

■ 13677482

■ 13681599

Harmonies

Analogous

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



14876754



13643780



10836992

Triad

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



13643780



34883



28152

Complementary

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



13643780



304336

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.



33270



13643780



35469

Square

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



13643780



33280



35278



9717461

Rectangle

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



13643780



8351232



35278



30204

Sweetspot

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



13643780



16762293



13632679



8412499



0



8421504

Same Dimension

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



13643780



16725760



13669124



6905950



11019264



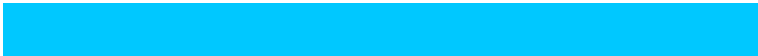
2689280

Inverse Universe

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



304336



51455



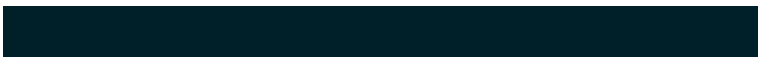
278992



6186601



33960



8233

Previews

White Background



This preview shows how the Decimal color 13643780 looks on a white background.

Color Contrast Check

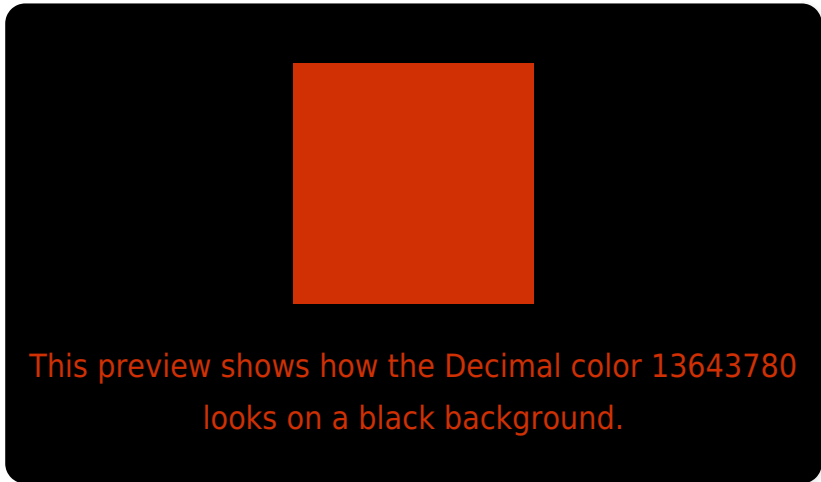
Large Text (above 18pt) WCAG AA ✓ Pass

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 13643780 Background



This preview shows how black text looks on a background with the Decimal color 13643780.



This preview shows how white text looks on a background with the Decimal color 13643780.

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
13643780

Protanopia
8220441

Deuteranopia
9201920

Trichromacy



Original Color
13643780

Protanomaly
10180625

Deuteranomaly
10834945

Tritanomaly
13708830

Monochromacy



Original Color
13643780

Achromatopsia
5987163

Achromatomaly
8801083

CSS Examples

Text

The CSS property to change the color of the text to Decimal 13643780 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 #D03004 looks like.

```
.text, #text, p{  
  color:#D03004  
}
```

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 #D03004 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #D03004
}
```

Border

The CSS property to change the border of an element to Decimal 13643780 is called "border". The border property can be set on classes, ids or directly on the HTML element.

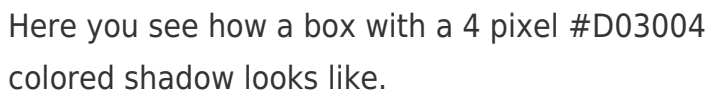
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#D03004 }
```

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

```
.border{ border-color:#D03004 }
```

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



Here you see how a box with a 4 pixel #D03004 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #D03004; -webkit-box-shadow:4px 4px  
4px 4px #D03004; box-shadow:4px 4px 4px  
4px #D03004 }
```

Background

The CSS property to change the background color of an element to Decimal 13643780 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#D03004 }
```

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

```
.background{ background-color:#D03004 }
```

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