

Converting Colors

Decimal(13193235)

Have a look what the booklet for
Decimal(13193235) contains.

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Color

Decimal(13193235)

Conversions

Conversions Part 1

Format	Color
Hex	C95013
RGB	201, 80, 19
RGB Percent	79%, 31%, 7%
CMY	0.2118, 0.6863, 0.9255
CMYK	0.00, 0.60, 0.91, 0.21
HSL	20°, 83%, 43%
HSV	20°, 91%, 79%
XYZ	27.0736, 18.2018, 2.7025
YIQ	109.2250, 91.6970, 6.6810

Conversions

Conversions Part 2

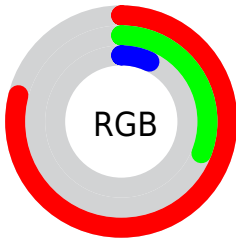
Format	Color
R _Y B	201, 111, 19
Decimal	13193235
CIE Lab	49.74, 45.62, 55.01
CIE LCh	50, 71.462, 50.328
Yxy	18.2018, 0.5643, 0.3794
Android (android.graphics.Color)	4291383315 (0xFFC95013)
YUV	109.2250, -44.4809, 80.4867
Hunter-Lab	42.6636, 38.6117, 26.1089

Details

The Decimal color **13193235** is a dark color, and the websafe version is hex **CC6600**. The color can be described as dark washed red. A complement of this color would be **1281225**, and the grayscale version is **7237230**.

A 20% lighter version of the original color is **16745799**, and **9115904** is the 20% darker color. If you saturate the color by 10%, you get **13189888**, and if you desaturate by 10%, it is **13196583**.

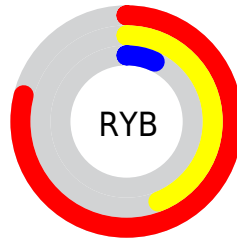
Distribution



Red (79%)

Green (31%)

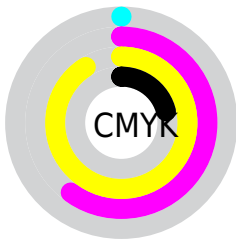
Blue (7%)



Red (79%)

Yellow (44%)

Blue (7%)

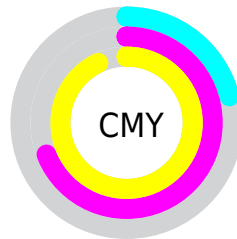


Cyan (0%)

Magenta (60%)

Yellow (91%)

Black (21%)



Cyan (21%)

Magenta (69%)

Yellow (93%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 13193235 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 13193235 by changing the saturation by 10% instead.

 13193235	 13193235
 16777215	 11154944
 16745799	 9115904
 16752736	 7077888
 16759930	 5177344
 16767381	 3473410
 16774832	 262144
 16777164	 0
 16777193	
 13193235	 13193235

■ 13189888

■ 13196583

■ 13200187

■ 13203535

■ 13206883

■ 13210488

■ 13213836

■ 13217440

■ 13220788

■ 13224136

Harmonies

Analogous

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



14561104



13193235



10513664

Triad

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



13193235



36704



3895274

Complementary

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



13193235



1281225

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.



34031



13193235



37279

Square

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



13193235



35357



36564



11161541

Rectangle

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



13193235



8157696



36564



30703

Sweetspot

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



13193235



16765370



13177740



8414295



0



8421504

Same Dimension

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



13193235



16733440



13216531



6511962



10696448



2362368

Inverse Universe

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



1281225



43775



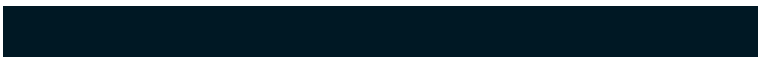
1257929



5922915



28067



6180

Previews

White Background



This preview shows how the Decimal color 13193235 looks on a white background.

Color Contrast Check

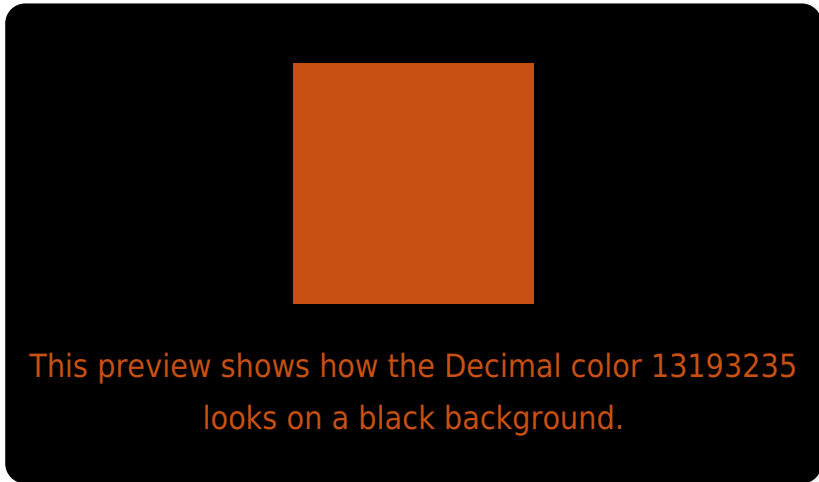
Large Text (above 18pt) WCAG AA ✓ Pass

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 ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Decimal 13193235 Background



This preview shows how black text looks on a background with the Decimal color 13193235.



This preview shows how white text looks on a background with the Decimal color 13193235.

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
13193235

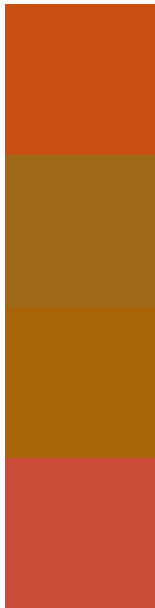
Protanopia
8812317

Deuteranopia
9859328



Tritanopia
13323087

Trichromacy



Original Color
13193235

Protanomaly
10381593

Deuteranomaly
11101447

Tritanomaly
13258041

Monochromacy



Original Color
13193235

Achromatopsia
7171437

Achromatomaly
9331276

CSS Examples

Text

The CSS property to change the color of the text to Decimal 13193235 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 #C95013 looks like.

```
.text, #text, p{  
    color:#C95013  
}
```

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 #C95013 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C95013
}
```

Border

The CSS property to change the border of an element to Decimal 13193235 is called "border". The border property can be set on classes, ids or directly on the HTML element.

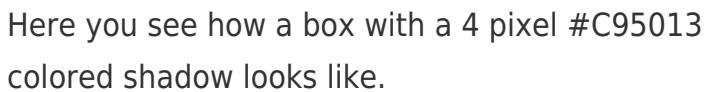
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#C95013 }
```

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

```
.border{ border-color:#C95013 }
```

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

A rectangular box with a 4px orange shadow. The box is white with a thin orange border. The shadow is a solid orange color, 4 pixels wide and 4 pixels high, offset to the right and bottom of the box. The text inside the box is black and reads: "Here you see how a box with a 4 pixel #C95013 colored shadow looks like."

Here you see how a box with a 4 pixel #C95013 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px #C95013; -webkit-box-shadow:4px 4px 4px 4px #C95013; box-shadow:4px 4px 4px 4px #C95013 }
```

Background

The CSS property to change the background color of an element to Decimal 13193235 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C95013 }
```

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

```
.background{ background-color:#C95013 }
```

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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