

Converting Colors

Hex(C13F00)

Have a look what the booklet for
Hex(C13F00) contains.

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Color

Hex(C13F00)

Conversions

Conversions Part 1

Format	Color
Hex	C13F00
RGB	193, 63, 0
RGB Percent	76%, 25%, 0%
CMY	0.2431, 0.7529, 1.0000
CMYK	0.00, 0.67, 1.00, 0.24
HSL	20°, 100%, 38%
HSV	20°, 100%, 76%
XYZ	23.7698, 14.8925, 1.6217
YIQ	94.6880, 97.7030, 7.9670

Conversions

Conversions Part 2

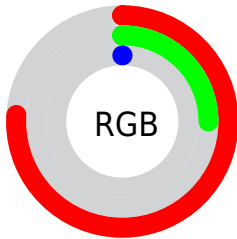
Format	Color
RYB	193, 94, 0
Decimal	12664576
CIELab	45.49, 49.99, 56.80
CIElCh	45, 75.666, 48.652
Yxy	14.8925, 0.5901, 0.3697
Android (android.graphics.Color)	4290854656 (0xFFC13F00)
YUV	94.6880, -46.6812, 86.2196
Hunter-Lab	38.5908, 42.4125, 24.5220

Details

The Hex color **C13F00** 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 **0082C1**, and the grayscale version is **5F5F5F**.

A 20% lighter version of the original color is **FF7539**, and **820000** is the 20% darker color. If you saturate the color by 10%, you get **C13F00**, and if you desaturate by 10%, it is **C14C13**.

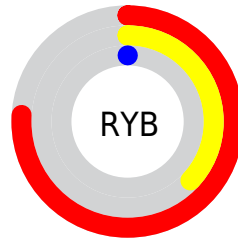
Distribution



Red (76%)

Green (25%)

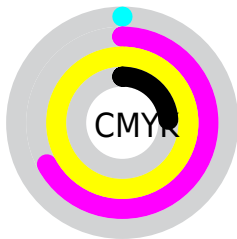
Blue (0%)



Red (76%)

Yellow (37%)

Blue (0%)

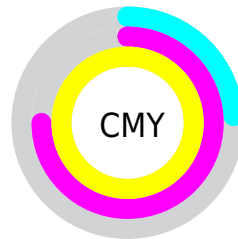


Cyan (0%)

Magenta (67%)

Yellow (100%)

Black (24%)



Cyan (24%)

Magenta (75%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the Hex color C13F00 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 Hex color C13F00 by changing the saturation by 10% instead.

 C13F00

 C13F00

 FFFFFFF6

 A22200

 FF7539

 820000

 FF9052

 640000

 FFAC6C

 460000

 FFC886

 2B0001

 FFE5A1

 000000

 FFFFBD

 FFFFFD9

 C13F00

 C14C13

 C15927

 C1663A

 C1734D

 C18061

 C18D74

 C19A87

 C1A79A

 C1B4AE

Harmonies

Analogous

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



D60448



C13F00



976000

Triad

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



C13F00



008451



0066E5

Complementary

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



C13F00



0082C1

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.



007BE9



C13F00



008693

Square

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



C13F00



007F00



0084CB



9D42C0

Rectangle

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



C13F00



736F00



0084CB



006EEB

Sweetspot

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



C13F00



FAC7AF



C10084



7D5F50



FCFCFC



7D7D7D

Same Dimension

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



C13F00



FA5200



C19E00



615A57



A13400



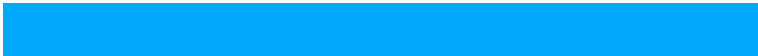
210B00

Inverse Universe

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



0082C1



00A8FA



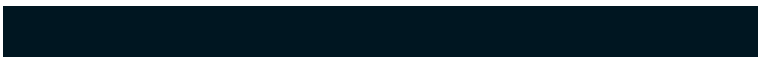
0023C1



575E61



006CA1



001621

Previews

White Background



This preview shows how the Hex color C13F00 looks on a white background.

Color Contrast Check

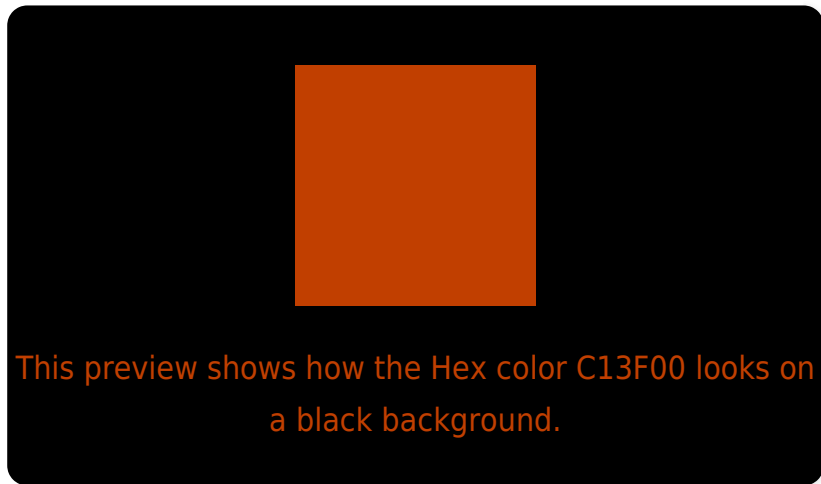
Large Text (above 18pt) WCAG AA ✓ Pass

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](#).

Hex C13F00 Background



This preview shows how black text looks on a background with the Hex color C13F00.



This preview shows how white text looks on a background with the Hex color C13F00.

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

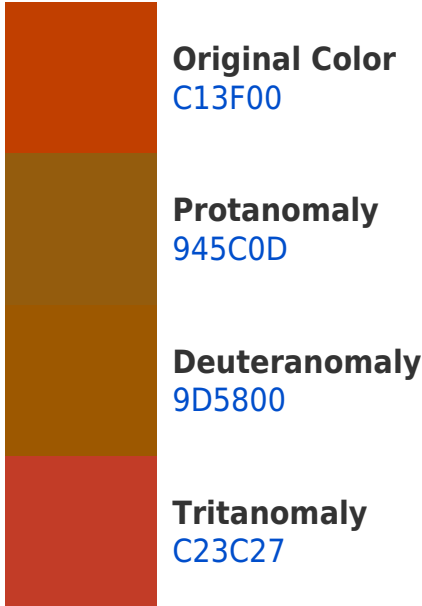


Original Color
C13F00

Protanopia
7A6D15

Deuteranopia
896700

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex C13F00 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 #C13F00 looks like.

```
.text, #text, p{  
    color:#C13F00  
}
```

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 #C13F00 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C13F00  
}
```

Border

The CSS property to change the border of an element to Hex C13F00 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  
#C13F00 }
```

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

```
.border{ border-color:#C13F00 }
```

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

Here you see how a box with a 4 pixel #C13F00 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C13F00; -webkit-box-shadow:4px 4px  
4px 4px #C13F00; box-shadow:4px 4px 4px  
4px #C13F00 }
```

Background

The CSS property to change the background color of an element to Hex C13F00 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C13F00 }
```

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

```
.background{ background-color:#C13F00 }
```

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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