

Converting Colors

Hex(D13C13)

Have a look what the booklet for
Hex(D13C13) contains.

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Color

Hex(D13C13)

Conversions

Conversions Part 1

Format	Color
Hex	D13C13
RGB	209, 60, 19
RGB Percent	82%, 24%, 7%
CMY	0.1804, 0.7647, 0.9255
CMYK	0.00, 0.71, 0.91, 0.18
HSL	13°, 83%, 45%
HSV	13°, 91%, 82%
XYZ	28.0279, 16.8340, 2.3882
YIQ	99.8770, 101.9650, 18.8370

Conversions

Conversions Part 2

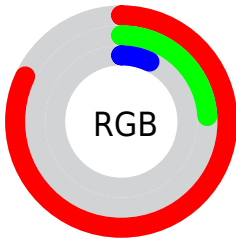
Format	Color
RYB	209, 71, 19
Decimal	13712403
CIELab	48.05, 56.72, 54.45
CIElCh	48, 78.627, 43.827
Yxy	16.8340, 0.5932, 0.3563
Android (android.graphics.Color)	4291902483 (0xFFD13C13)
YUV	99.8770, -39.8724, 95.7009
Hunter-Lab	41.0293, 50.1354, 25.2695

Details

The Hex color **D13C13** 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 **13A8D1**, and the grayscale version is **646464**.

A 20% lighter version of the original color is **FF7445**, and **920000** is the 20% darker color. If you saturate the color by 10%, you get **D12D00**, and if you desaturate by 10%, it is **D14C28**.

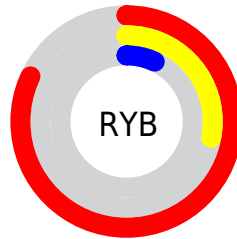
Distribution



Red (82%)

Green (24%)

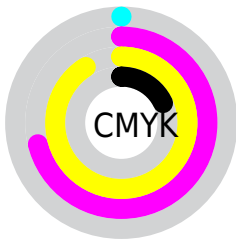
Blue (7%)



Red (82%)

Yellow (28%)

Blue (7%)

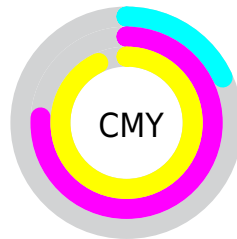


Cyan (0%)

Magenta (71%)

Yellow (91%)

Black (18%)



Cyan (18%)

Magenta (76%)

Yellow (93%)

Brightness & Saturation Gradients

These gradients show how the Hex color D13C13 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 D13C13 by changing the saturation by 10% instead.

 D13C13

 D13C13

FFFFFF

 B11B00

 FF7445

 920000

 FF905E

 720000

 FFAC78

 540000


 FFC992

 380002

 FFE6AE

 0D0000

 FFFFC9

 000000

 FFFFEE

 D13C13

 D13C13

■ D12D00

■ D14C28

■ D15D3D

■ D16D52

■ D17E67

■ D18E7B

■ D19E90

■ D1AFA5

■ D1BFBA

■ D1D0CF

Harmonies

Analogous

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



E30057



D13C13



A86200

Triad

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



D13C13



008C4A



0071F5

Complementary

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



D13C13



13A8D1

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.



0084F3



D13C13



008E90

Square

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



D13C13



008500



008CCE



984ED3

Rectangle

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



D13C13



847200



008CCE



0079F9

Sweetspot

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



D13C13



FFC9BA



D113AB



806057



000000



808080

Same Dimension

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



D13C13



FF3700



D19813



69605E



A82400



290900

Inverse Universe

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



13A8D1



00C8FF



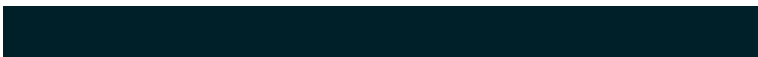
134CD1



5E6669



0084A8



002029

Previews

White Background



This preview shows how the Hex color D13C13 looks on a white background.

Color Contrast Check

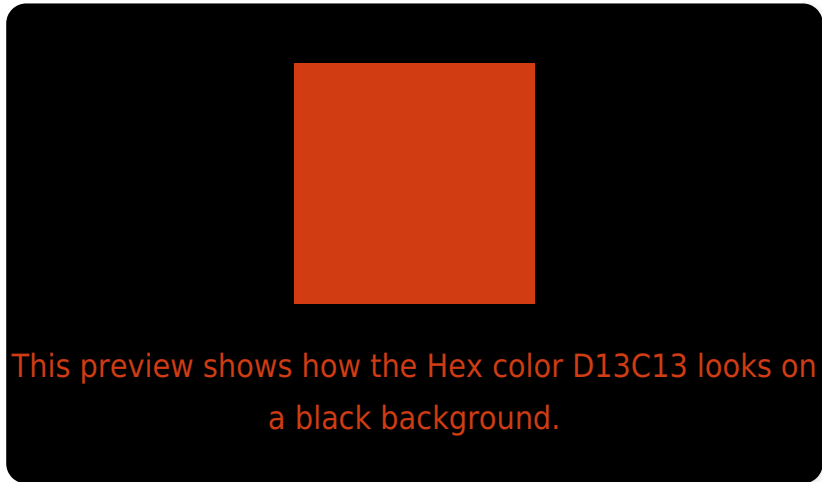
Large Text (above 18pt) WCAG AA ✓ Pass

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 D13C13 Background



This preview shows how black text looks on a background with the Hex color D13C13.



This preview shows how white text looks on a background with the Hex color D13C13.

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
D13C13

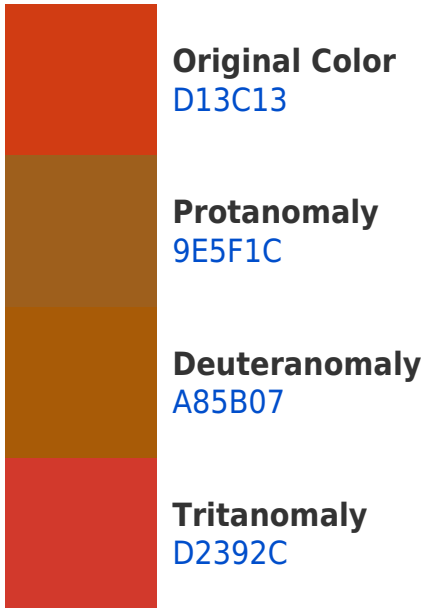
Protanopia
817321

Deuteranopia
916D00



Tritanopia
D2383A

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex D13C13 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 #D13C13 looks like.

```
.text, #text, p{  
    color:#D13C13  
}
```

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 #D13C13 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #D13C13
}
```

Border

The CSS property to change the border of an element to Hex D13C13 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
#D13C13 }
```

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

```
.border{ border-color:#D13C13 }
```

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

Here you see how a box with a 4 pixel #D13C13 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #D13C13; -webkit-box-shadow:4px 4px  
4px 4px #D13C13; box-shadow:4px 4px 4px  
4px #D13C13 }
```

Background

The CSS property to change the background color of an element to Hex D13C13 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#D13C13 }
```

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

```
.background{ background-color:#D13C13 }
```

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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