

# Converting Colors

Hex(D04E13)

Have a look what the booklet for  
Hex(D04E13) contains.

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# Color

**Hex(D04E13)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	D04E13
RGB	208, 78, 19
RGB Percent	82%, 31%, 7%
CMY	0.1843, 0.6941, 0.9255
CMYK	0.00, 0.62, 0.91, 0.18
HSL	19°, 83%, 45%
HSV	19°, 91%, 82%
XYZ	28.8544, 18.9057, 2.7445
YIQ	110.1440, 96.4190, 9.2110

# Conversions

## Conversions Part 2

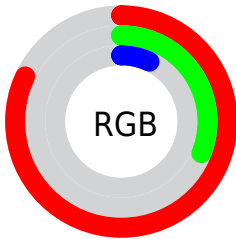
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	<a href="#">208, 105, 19</a>
Decimal	<a href="#">13651475</a>
CIELab	<a href="#">50.58, 49.07, 56.15</a>
CIELCh	<a href="#">51, 74.571, 48.846</a>
Yxy	<a href="#">18.9057, 0.5713, 0.3743</a>
Android (android.graphics.Color)	<a href="#">4291841555</a> ( <a href="#">0xFFD04E13</a> )
YUV	<a href="#">110.1440, -44.9340, 85.8197</a>
Hunter-Lab	<a href="#">43.4807, 42.3638, 26.6941</a>

# Details

The Hex color **D04E13** 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 **1395D0**, and the grayscale version is **6F6F6F**.

A 20% lighter version of the original color is **FF8447**, and **911300** is the 20% darker color. If you saturate the color by 10%, you get **D04100**, and if you desaturate by 10%, it is **D05C28**.

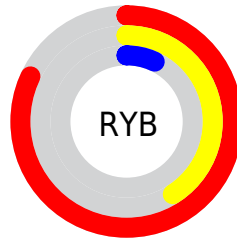
# Distribution



Red (82%)

Green (31%)

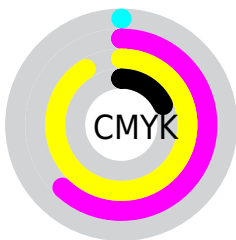
Blue (7%)



Red (82%)

Yellow (41%)

Blue (7%)

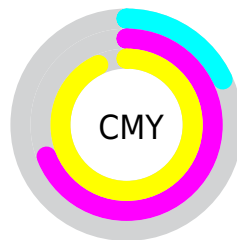


Cyan (0%)

Magenta (62%)

Yellow (91%)

Black (18%)



Cyan (18%)

Magenta (69%)

Yellow (93%)

# Brightness & Saturation Gradients

These gradients show how the Hex color D04E13 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 D04E13 by changing the saturation by 10% instead.



 D04E13

 D04E13

FFFFFF

 B03300

 FF8447

 911300

 FF9F61

 720000

 FFBB7B

 540000

 FFD895

 3A0002

 FFF5B0

 130000

 FFFFCC

 000000

 FFFFEE9

 D04E13

 D04E13

 D04100

 D05C28

 D06B3D

 D07951

 D08766

 D0967B

 D0A490

 D0B2A5

 D0C0B9

 D0CFCE

# Harmonies

## Analogous

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



E52954



D04E13



A66D00

# Triad

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



D04E13



00925E



2572F2

# Complementary

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



D04E13



1395D0

# 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.



0087F6



D04E13



0094A0

# Square

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



D04E13



008D15



0091D8



AB51CD

# Rectangle

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



D04E13



817C00



0091D8



007BF8



# Sweetspot

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



D04E13



FFD0BA



D01397



806357



000000



808080



# Same Dimension

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



D04E13



FF5000



D0AA13



69615E



A83500



290D00

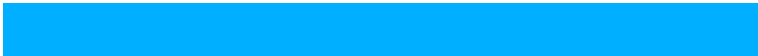


# Inverse Universe

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



1395D0



00AFFF



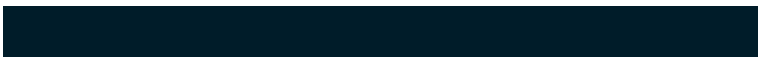
1339D0



5E6569



0074A8



001C29



# Previews

## White Background



This preview shows how the Hex color D04E13 looks on a white background.

## Color Contrast Check

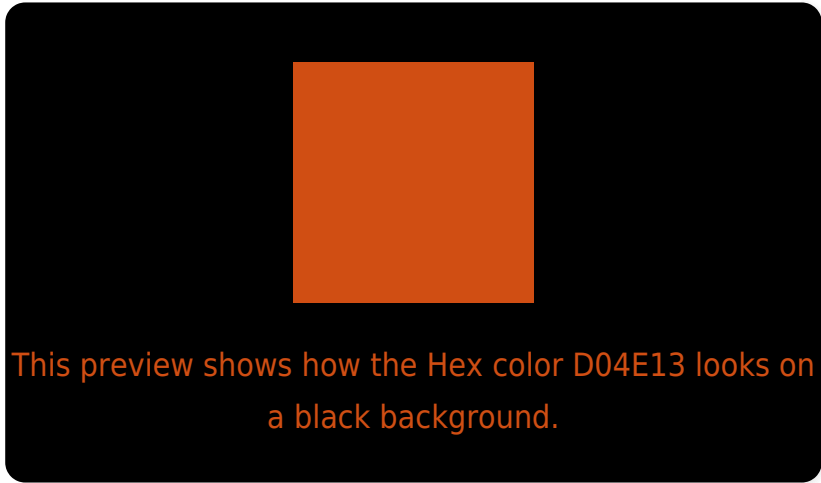
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

# 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](#).



## Hex D04E13 Background



This preview shows how black text looks on a background with the Hex color D04E13.




This preview shows how white text looks on a background with the Hex color D04E13.

# 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](#).

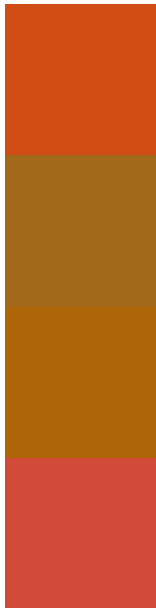
## Dichromacy





**Tritanopia**  
D2494D

# Trichromacy



**Original Color**  
D04E13

**Protanomaly**  
A2691A

**Deuteranomaly**  
AD6607

**Tritanomaly**  
D14B38

# Monochromacy



**Original Color**  
D04E13

**Achromatopsia**  
6E6E6E

**Achromatomaly**  
92624D

# CSS Examples

## Text

The CSS property to change the color of the text to Hex D04E13 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 #D04E13 looks like.

```
.text, #text, p{  
    color:#D04E13  
}
```

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 #D04E13 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #D04E13
}
```

## Border

The CSS property to change the border of an element to Hex D04E13 is called "border". The border property can be set on classes, ids or directly on the HTML element.

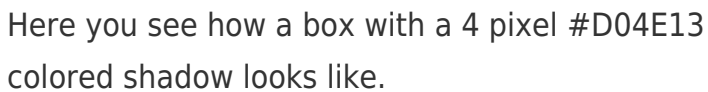
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#D04E13 }
```

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

```
.border{ border-color:#D04E13 }
```

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



Here you see how a box with a 4 pixel #D04E13 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #D04E13; -webkit-box-shadow:4px 4px  
4px 4px #D04E13; box-shadow:4px 4px 4px  
4px #D04E13 }
```

# Background

The CSS property to change the background color of an element to Hex D04E13 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#D04E13 }
```

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

```
.background{ background-color:#D04E13 }
```

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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