

# Converting Colors

Hex(D4391E)

Have a look what the booklet for  
Hex(D4391E) contains.

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# Color

**Hex(D4391E)**

# Conversions

## Conversions Part 1

Format	Color
Hex	D4391E
RGB	212, 57, 30
RGB Percent	83%, 22%, 12%
CMY	0.1686, 0.7765, 0.8824
CMYK	0.00, 0.73, 0.86, 0.17
HSL	9°, 75%, 47%
HSV	9°, 86%, 83%
XYZ	28.8488, 17.0170, 2.9924
YIQ	100.2670, 101.0470, 24.4630

# Conversions

## Conversions Part 2

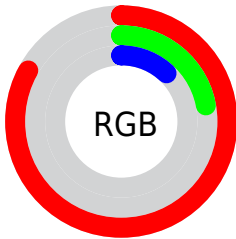
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	<a href="#">212, 62, 30</a>
Decimal	<a href="#">13908254</a>
CIELab	<a href="#">48.28, 58.95, 50.47</a>
CIElCh	<a href="#">48, 77.603, 40.573</a>
Yxy	<a href="#">17.0170, 0.5905, 0.3483</a>
Android (android.graphics.Color)	<a href="#">4292098334 (0xFFD4391E)</a>
YUV	<a href="#">100.2670, -34.6416, 97.9898</a>
Hunter-Lab	<a href="#">41.2517, 52.6411, 24.5753</a>

# Details

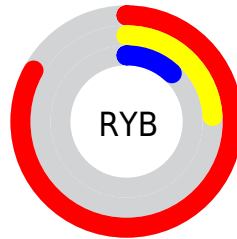
The Hex color **D4391E** is a dark color, and the websafe version is hex **CC3300**. The color can be described as dark washed red. A complement of this color would be **1EB9D4**, and the grayscale version is **656565**.

A 20% lighter version of the original color is **FF724E**, and **950000** is the 20% darker color. If you saturate the color by 10%, you get **D42709**, and if you desaturate by 10%, it is **D44B33**.

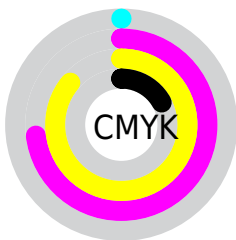
# Distribution



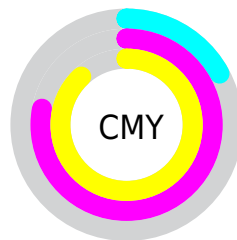
- Red (83%)
- Green (22%)
- Blue (12%)



- Red (83%)
- Yellow (24%)
- Blue (12%)



- Cyan (0%)
- Magenta (73%)
- Yellow (86%)
- Black (17%)



- Cyan (17%)
- Magenta (78%)
- Yellow (88%)

# Brightness & Saturation Gradients

These gradients show how the Hex color D4391E 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 D4391E by changing the saturation by 10% instead.



 D4391E

 D4391E

FFFFFF

 B41504

 FF724E

 950000

 FF8F67

 750000

 FFAB81

 560000

 FFC89B

 3B0002

 FFE5B6

 130000

 FFFFD2

 000000

 FFFFEE

 D4391E

 D4391E

 D42709

 D44B33

 D41F00

 D45D48

 D46F5E

 D48173

 D49388

 D4A59D

 D4B7B2

 D4C9C8

 D4DBDD

# Harmonies

## Analogous

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



E3005F



D4391E



AD5F00

# Triad

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



D4391E



008C44



0074F6

# Complementary

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



D4391E



1EB9D4

# 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.



0086F0



D4391E



008E89

# Square

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



D4391E



228500



008DC7



8E54D8

# Rectangle

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



D4391E



8B7100



008DC7



007BF8



# Sweetspot

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



D4391E



FFC7BD



D41EBC



805E58



000000



808080



# Same Dimension

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



D4391E



FF2600



D4911E



6B6260



AB1900



2B0600



# Inverse Universe

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



1EB9D4



00D9FF



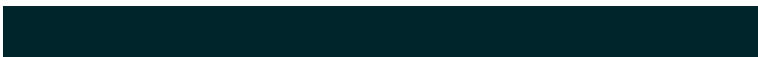
1E61D4



606A6B



0092AB



00252B



# Previews

## White Background



This preview shows how the Hex color D4391E 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 D4391E Background



This preview shows how black text looks on a background with the Hex color D4391E.



This preview shows how white text looks on a background with the Hex color D4391E.

# 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**  
D4391E

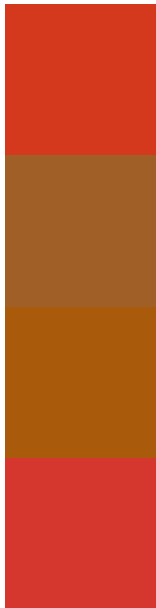
**Protanopia**  
81742C

**Deuteranopia**  
926D00



**Tritanopia**  
D53638

# Trichromacy



**Original Color**  
D4391E

**Protanomaly**  
9F5F27

**Deuteranomaly**  
AA5A0B

**Tritanomaly**  
D5372F

# Monochromacy



**Original Color**  
D4391E

**Achromatopsia**  
646464

**Achromatomaly**  
8D544B

# CSS Examples

## Text

The CSS property to change the color of the text to Hex D4391E 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 #D4391E looks like.

```
.text, #text, p{  
    color:#D4391E  
}
```

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 #D4391E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #D4391E
}
```

## Border

The CSS property to change the border of an element to Hex D4391E is called "border". The border property can be set on classes, ids or directly on the HTML element.

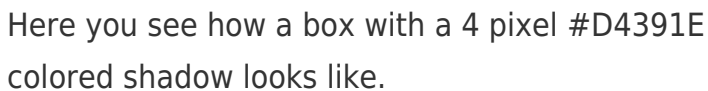
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#D4391E }
```

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

```
.border{ border-color:#D4391E }
```

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



Here you see how a box with a 4 pixel #D4391E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #D4391E; -webkit-box-shadow:4px 4px  
4px 4px #D4391E; box-shadow:4px 4px 4px  
4px #D4391E }
```

# Background

The CSS property to change the background color of an element to Hex D4391E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#D4391E }
```

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

```
.background{ background-color:#D4391E }
```

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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