

# Converting Colors

Hex(DC492A)

Have a look what the booklet for  
Hex(DC492A) contains.

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**Color**

**Hex(DC492A)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	DC492A
RGB	220, 73, 42
RGB Percent	86%, 29%, 16%
CMY	0.1373, 0.7137, 0.8353
CMYK	0.00, 0.67, 0.81, 0.14
HSL	10°, 72%, 51%
HSV	10°, 81%, 86%
XYZ	32.3157, 20.1479, 4.3762
YIQ	113.4190, 97.5630, 21.5230

# Conversions

## Conversions Part 2

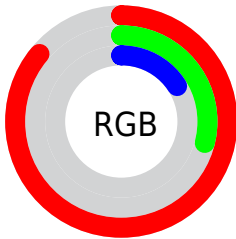
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	220, 80, 42
Decimal	14436650
CIE Lab	52.00, 55.85, 48.74
CIE LCh	52, 74.131, 41.109
Yxy	20.1479, 0.5685, 0.3545
Android (android.graphics.Color)	4292626730 (0xFFDC492A)
YUV	113.4190, -35.2096, 93.4715
Hunter-Lab	44.8864, 49.9586, 25.6400

# Details

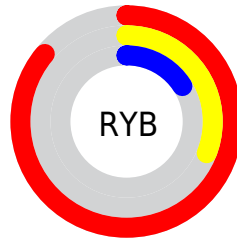
The Hex color **DC492A** is a dark color, and the websafe version is hex **CC3300**. The color can be described as dark washed red. A complement of this color would be **2ABDDC**, and the grayscale version is **727272**.

A 20% lighter version of the original color is **FF815A**, and **9D0000** is the 20% darker color. If you saturate the color by 10%, you get **DC3714**, and if you desaturate by 10%, it is **DC5B40**.

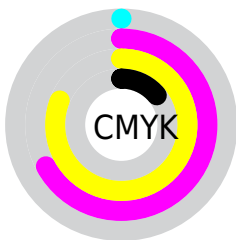
# Distribution



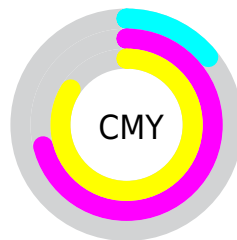
- Red (86%)
- Green (29%)
- Blue (16%)



- Red (86%)
- Yellow (31%)
- Blue (16%)



- Cyan (0%)
- Magenta (67%)
- Yellow (81%)
- Black (14%)



- Cyan (14%)
- Magenta (71%)
- Yellow (84%)

# Brightness & Saturation Gradients

These gradients show how the Hex color DC492A 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 DC492A by changing the saturation by 10% instead.



 DC492A

 DC492A

FFFFFF

 BC2B12

 FF815A

 9D0000

 FF9D74

 7E0000

 FFB98E

 5F0000

 FFD6A9

 420002

 FFF3C4

 230001

 FFFFEO

 000000

 FFFFFD

 DC492A

 DC492A

 DC3714

 DC5B40

 DC2600

 DC6D56

 DC806C

 DC9282

 DCA498

 DCB6AE

 DCC8C4

 DCDADA

 DCEDF0

# Harmonies

## Analogous

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



EA2A67



DC492A



B66A00

# Triad

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



DC492A



009550



007CFA

# Complementary

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



DC492A



2ABDDC

# 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.



008EF5



DC492A



009893

# Square

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



DC492A



348E00



0096CF



9A5EDD

# Rectangle

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



DC492A



947A00



0096CF



0084FD



# Sweetspot

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



DC492A



FFCC2



DC2ABE



80615B



000000



808080



# Same Dimension

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



DC492A



FF3308



DCA12A



6E6563



AD1E00



2E0800

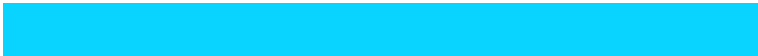


# Inverse Universe

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



2ABDDC



08D4FF



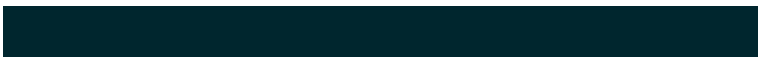
2A65DC



636C6E



008FAD

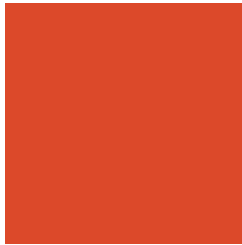


00262E



# Previews

## White Background



This preview shows how the Hex color DC492A looks on a white background.

## Color Contrast Check

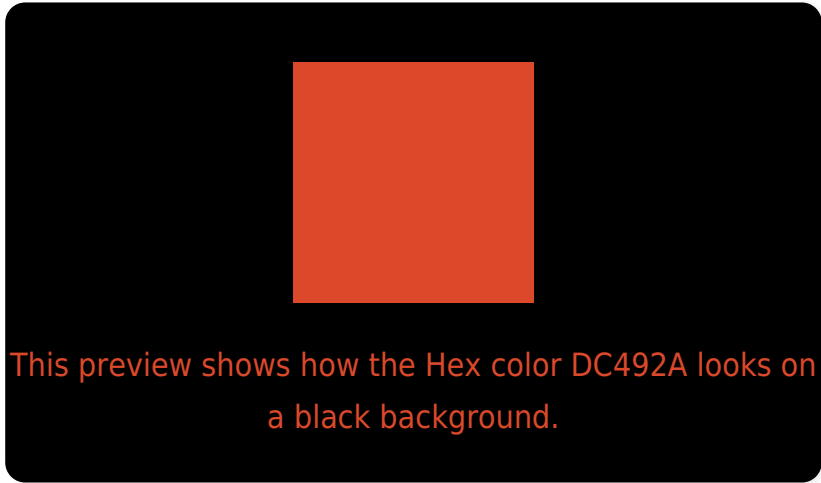
Large Text (above 18pt) WCAG AA ✓ Pass

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 DC492A Background



This preview shows how black text looks on a background with the Hex color DC492A.

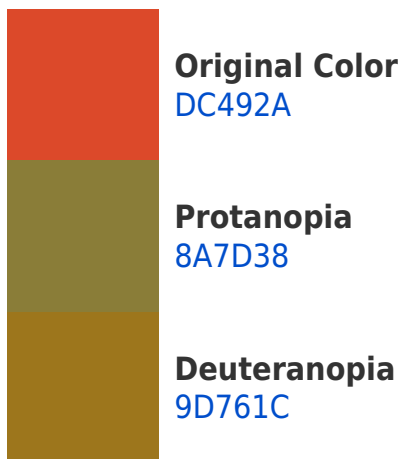


This preview shows how white text looks on a background with the Hex color DC492A.

# Color Blindness Simulation

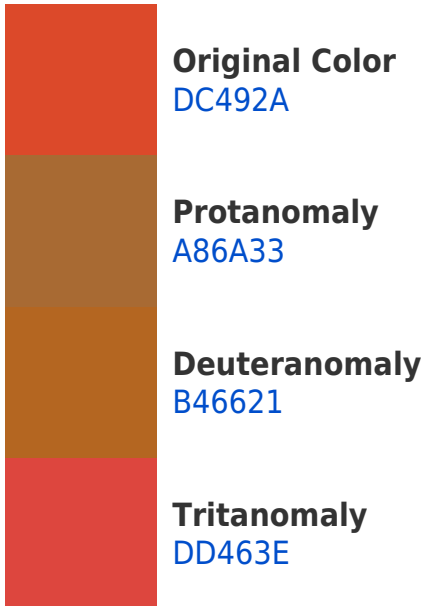
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

## Dichromacy





# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex DC492A 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 #DC492A looks like.

```
.text, #text, p{  
    color:#DC492A  
}
```

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 #DC492A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #DC492A
}
```

## Border

The CSS property to change the border of an element to Hex DC492A 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
#DC492A }
```

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

```
.border{ border-color:#DC492A }
```

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

Here you see how a box with a 4 pixel #DC492A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #DC492A; -webkit-box-shadow:4px 4px  
4px 4px #DC492A; box-shadow:4px 4px 4px  
4px #DC492A }
```

# Background

The CSS property to change the background color of an element to Hex DC492A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#DC492A }
```

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

```
.background{ background-color:#DC492A }
```

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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