

# Converting Colors

Hex(DA742D)

Have a look what the booklet for  
Hex(DA742D) contains.

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**Color**

**Hex(DA742D)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	DA742D
RGB	218, 116, 45
RGB Percent	85%, 45%, 18%
CMY	0.1451, 0.5451, 0.8235
CMYK	0.00, 0.47, 0.79, 0.15
HSL	25°, 70%, 52%
HSV	25°, 79%, 85%
XYZ	35.6325, 27.5857, 5.9292
YIQ	138.4040, 83.5830, -0.4570

# Conversions

## Conversions Part 2

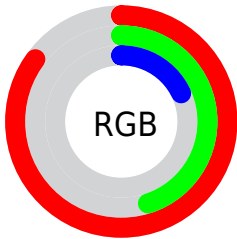
<b>Format</b>	<b>Color</b>
R <sub>YB</sub>	218, 165, 45
Decimal	14316589
CIE Lab	59.51, 35.04, 54.39
CIE LCh	60, 64.699, 57.205
Yxy	27.5857, 0.5153, 0.3989
Android (android.graphics.Color)	4292506669 (0xFFDA742D)
YUV	138.4040, -46.0482, 69.8057
Hunter-Lab	52.5221, 29.1860, 30.0723

# Details

The Hex color **DA742D** is a dark color, and the websafe version is hex **CC6600**. The color can be described as dark washed orange. A complement of this color would be **2D93DA**, and the grayscale version is **8B8B8B**.

A 20% lighter version of the original color is **FFA960**, and **9D4200** is the 20% darker color. If you saturate the color by 10%, you get **DA6717**, and if you desaturate by 10%, it is **DA8143**.

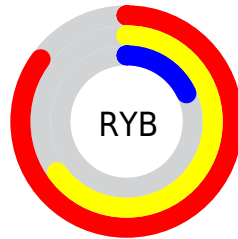
# Distribution



Red (85%)

Green (45%)

Blue (18%)



Red (85%)

Yellow (65%)

Blue (18%)

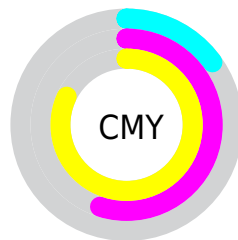


Cyan (0%)

Magenta (47%)

Yellow (79%)

Black (15%)



Cyan (15%)

Magenta (55%)

Yellow (82%)

# Brightness & Saturation Gradients

These gradients show how the Hex color DA742D 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 DA742D by changing the saturation by 10% instead.



 DA742D

 DA742D

FFFFFF

 BB5A11

 FFA960

 9D4200

 FFC57A

 7F2900

 FFE195

 610F00

 FFFEB0

 450000

 FFFFCC

 2D0001

 FFFFEE9

 000000

 DA742D

 DA742D

 DA6717

 DA8143

 DA5A01

 DA8E59

 DA5900

 DA9B6E

 DAA784

 DAB49A

 DAC1B0

 DACEC6

 DADBDB

 DAE8F1

# Harmonies

## Analogous

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



F25D5F



DA742D



B08B00

# Triad

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



DA742D



00A988



8482F5

# Complementary

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



DA742D



2D93DA

# 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.



0098FF



DA742D



00A9C2

# Square

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



DA742D



17A54E



00A4EE



CE68CE

# Rectangle

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



DA742D



8C9706



00A4EE



5B8AFD



# Sweetspot

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



DA742D



FFDBC2



DA2D95



806A5B



000000



808080



# Same Dimension

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



DA742D



FF700D



DAC92D



6E6763



AD4700



2E1300

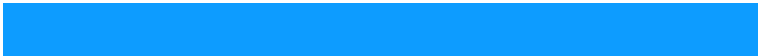


# Inverse Universe

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



2D93DA



0D9CFF



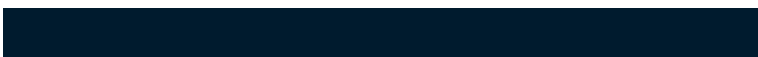
2D3EDA



63696E



0066AD



001B2E



# Previews

## White Background



This preview shows how the Hex color DA742D looks on a white background.

## Color Contrast Check

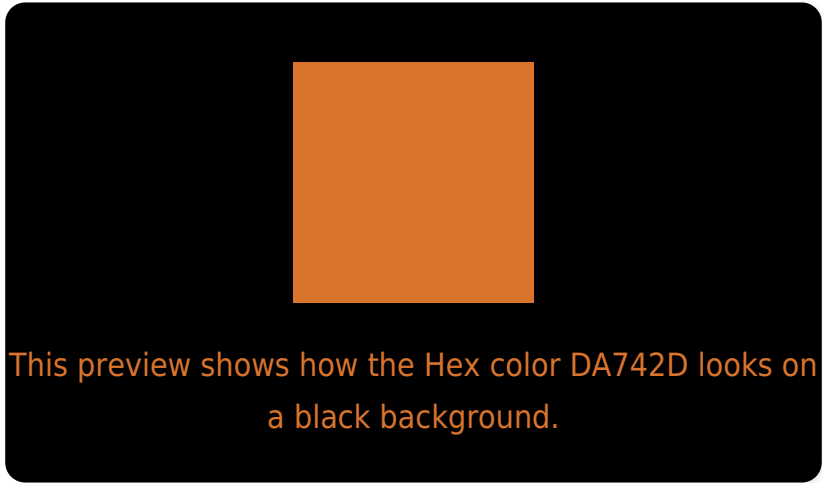
Large Text (above 18pt) WCAG AA ✓ Pass

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 DA742D Background



This preview shows how black text looks on a background with the Hex color DA742D.



This preview shows how white text looks on a background with the Hex color DA742D.

# 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**  
DA742D

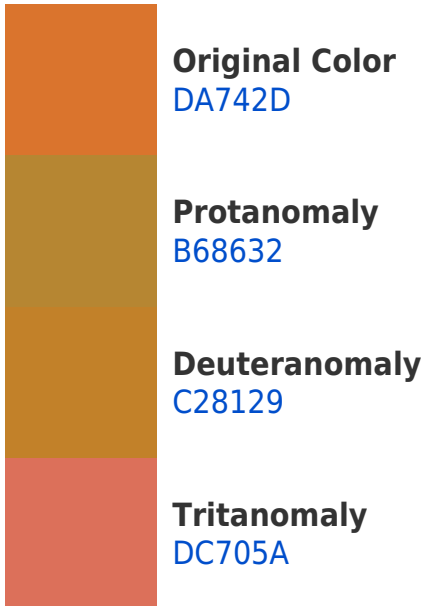
**Protanopia**  
A19035

**Deuteranopia**  
B58826

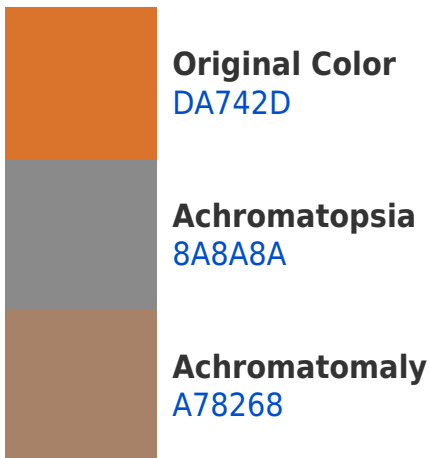


**Tritanopia**  
DD6D74

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex DA742D 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 #DA742D looks like.

```
.text, #text, p{  
    color:#DA742D  
}
```

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 #DA742D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #DA742D
}
```

## Border

The CSS property to change the border of an element to Hex DA742D 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
#DA742D }
```

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

```
.border{ border-color:#DA742D }
```

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

Here you see how a box with a 4 pixel #DA742D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #DA742D; -webkit-box-shadow:4px 4px  
4px 4px #DA742D; box-shadow:4px 4px 4px  
4px #DA742D }
```

# Background

The CSS property to change the background color of an element to Hex DA742D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#DA742D }
```

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

```
.background{ background-color:#DA742D }
```

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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