

Converting Colors

Hex(DE7A2F)

Have a look what the booklet for
Hex(DE7A2F) contains.

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Color

Hex(DE7A2F)

Conversions

Conversions Part 1

Format	Color
Hex	DE7A2F
RGB	222, 122, 47
RGB Percent	87%, 48%, 18%
CMY	0.1294, 0.5216, 0.8157
CMYK	0.00, 0.45, 0.79, 0.13
HSL	26°, 73%, 53%
HSV	26°, 79%, 87%
XYZ	37.5968, 29.6539, 6.4315
YIQ	143.3500, 83.6750, -2.1250

Conversions

Conversions Part 2

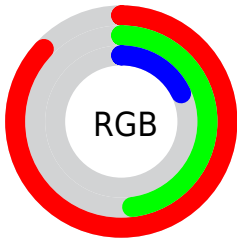
Format	Color
R _Y B	222, 178, 47
Decimal	14580271
CIE Lab	61.35, 33.61, 55.48
CIE LCh	61, 64.867, 58.792
Yxy	29.6539, 0.5103, 0.4025
Android (android.graphics.Color)	4292770351 (0xFFDE7A2F)
YUV	143.3500, -47.5005, 68.9761
Hunter-Lab	54.4554, 27.9422, 31.1162

Details

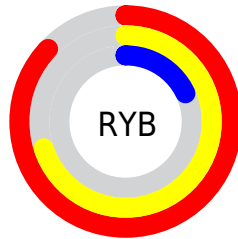
The Hex color **DE7A2F** is a dark color, and the websafe version is hex **CC6600**. The color can be described as dark washed orange. A complement of this color would be **2F93DE**, and the grayscale version is **909090**.

A 20% lighter version of the original color is **FFAF62**, and **A14800** is the 20% darker color. If you saturate the color by 10%, you get **DE6D19**, and if you desaturate by 10%, it is **DE8745**.

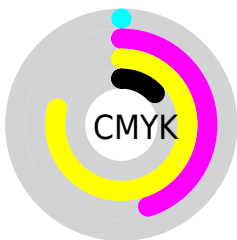
Distribution



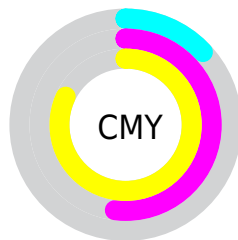
- Red (87%)
- Green (48%)
- Blue (18%)



- Red (87%)
- Yellow (70%)
- Blue (18%)



- Cyan (0%)
- Magenta (45%)
- Yellow (79%)
- Black (13%)



- Cyan (13%)
- Magenta (52%)
- Yellow (82%)

Brightness & Saturation Gradients

These gradients show how the Hex color DE7A2F 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 DE7A2F by changing the saturation by 10% instead.

 DE7A2F

 DE7A2F

FFFFFF

 BF6013

 FFAF62

 A14800

 FFCB7D

 832F00

 FFE897

 651700

 FFFFB3

 480000

 FFFFCF

 300001

 FFFFEC

 000000

 DE7A2F

 DE7A2F

 DE6D19

 DE8745

 DE6103

 DE935B

 DE5F00

 DEA072

 DEAD88

 DEB99E

 DEC6B4

 DED3CA

 DEDFE1

 DEECF7

Harmonies

Analogous

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



F86360



DE7A2F



B29106

Triad

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



DE7A2F



00AF90



8E86F9

Complementary

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



DE7A2F



2F93DE

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.



009CFF



DE7A2F



00AECA

Square

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



DE7A2F



12AA55



00A9F6



D76CD1

Rectangle

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



DE7A2F



8E9C12



00A9F6



688EFF

Sweetspot

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



DE7A2F



FFDCC2



DE2F95



806A5B



000000



808080

Same Dimension

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



DE7A2F



FF750D



DECF2F



706A65



B04B00



301500

Inverse Universe

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



2F93DE



0D97FF



2F3EDE



656B70



0065B0



001C30

Previews

White Background



This preview shows how the Hex color DE7A2F looks on a white background.

Color Contrast Check

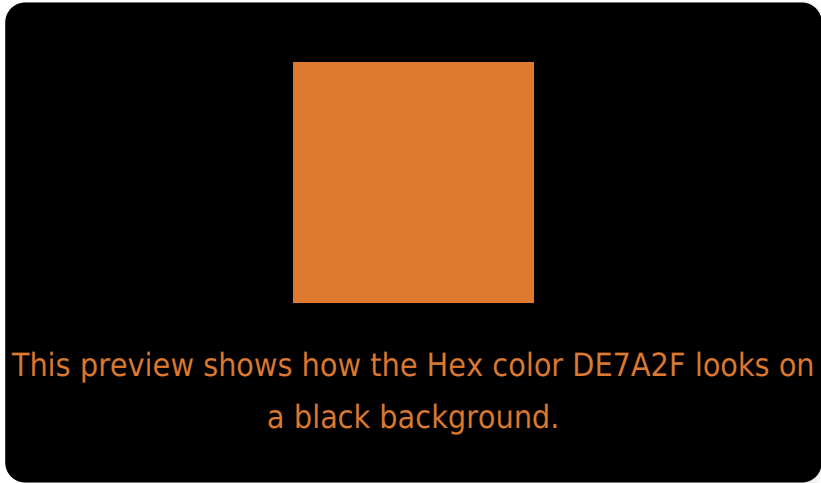
Large Text (above 18pt) WCAG AA ✓ Pass

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 DE7A2F Background



This preview shows how black text looks on a background with the Hex color DE7A2F.



This preview shows how white text looks on a background with the Hex color DE7A2F.

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
DE7A2F

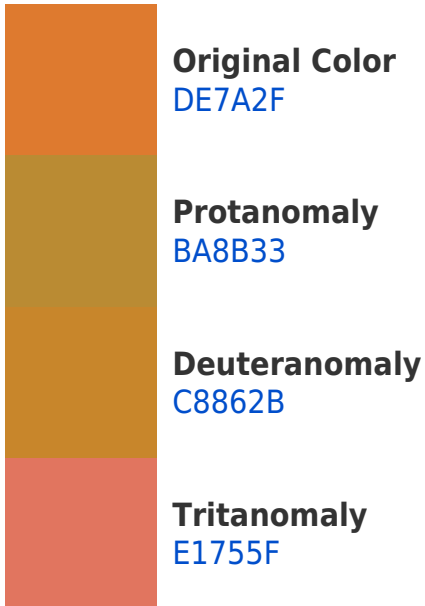
Protanopia
A69536

Deuteranopia
BB8D28



Tritanopia
E2727A

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex DE7A2F 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 #DE7A2F looks like.

```
.text, #text, p{  
    color:#DE7A2F  
}
```

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 #DE7A2F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #DE7A2F
}
```

Border

The CSS property to change the border of an element to Hex DE7A2F 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
#DE7A2F }
```

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

```
.border{ border-color:#DE7A2F }
```

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

Here you see how a box with a 4 pixel #DE7A2F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #DE7A2F; -webkit-box-shadow:4px 4px  
4px 4px #DE7A2F; box-shadow:4px 4px 4px  
4px #DE7A2F }
```

Background

The CSS property to change the background color of an element to Hex DE7A2F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#DE7A2F }
```

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

```
.background{ background-color:#DE7A2F }
```

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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