

Converting Colors

Hex(DE762A)

Have a look what the booklet for
Hex(DE762A) contains.

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Color

Hex(DE762A)

Conversions

Conversions Part 1

Format	Color
Hex	DE762A
RGB	222, 118, 42
RGB Percent	87%, 46%, 16%
CMY	0.1294, 0.5373, 0.8353
CMYK	0.00, 0.47, 0.81, 0.13
HSL	25°, 73%, 52%
HSV	25°, 81%, 87%
XYZ	37.0206, 28.6536, 5.7700
YIQ	140.4320, 86.3800, -1.5880

Conversions

Conversions Part 2

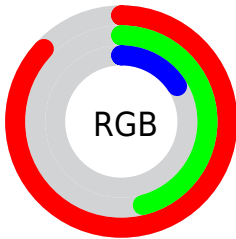
Format	Color
R _Y B	222, 174, 42
Decimal	14579242
CIE Lab	60.47, 35.52, 56.73
CIE LCh	60, 66.932, 57.950
Yxy	28.6536, 0.5182, 0.4011
Android (android.graphics.Color)	4292769322 (0xFFDE762A)
YUV	140.4320, -48.5270, 71.5351
Hunter-Lab	53.5291, 29.7742, 31.0794

Details

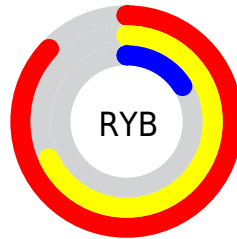
The Hex color **DE762A** is a dark color, and the websafe version is hex **CC6600**. The color can be described as dark washed orange. A complement of this color would be **2A92DE**, and the grayscale version is **8D8D8D**.

A 20% lighter version of the original color is **FFAB5E**, and **A04300** is the 20% darker color. If you saturate the color by 10%, you get **DE6914**, and if you desaturate by 10%, it is **DE8340**.

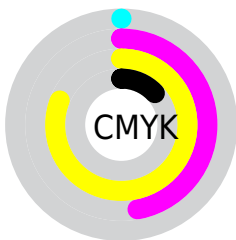
Distribution



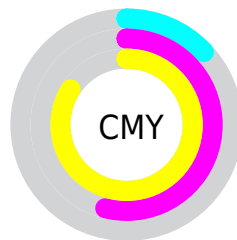
- Red (87%)
- Green (46%)
- Blue (16%)



- Red (87%)
- Yellow (68%)
- Blue (16%)



- Cyan (0%)
- Magenta (47%)
- Yellow (81%)
- Black (13%)



- Cyan (13%)
- Magenta (54%)
- Yellow (84%)

Brightness & Saturation Gradients

These gradients show how the Hex color DE762A 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 DE762A by changing the saturation by 10% instead.

 DE762A

 DE762A

FFFFFF

 BF5C0C

 FFAB5E

 A04300

 FFC778

 822B00

 FFE393

 641100

 FFFFAE

 480000

 FFFFC4

 2F0001

 FFFFEE

 000000

 DE762A

 DE762A

 DE6914

 DE8340

 DE5E00

 DE9056

 DE9C6D

 DEA983

 DEB699

 DEC3AF

 DED0C5

 DEDDDC

 DEE9F2

Harmonies

Analogous

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



F85D5E



DE762A



B28E00

Triad

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



DE762A



00AD8C



8884FB

Complementary

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



DE762A



2A92DE

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.



009AFF



DE762A



00ADC8

Square

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



DE762A



00A84F



00A7F5



D568D1

Rectangle

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



DE762A



8D9A00



00A7F5



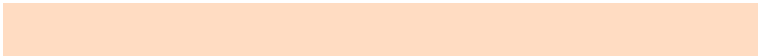
5E8CFF

Sweetspot

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



DE762A



FFDCC2



DE2A93



806A5B



000000



808080

Same Dimension

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



DE762A



FF7008



DECF2A



706A65



B04A00



301400

Inverse Universe

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



2A92DE



0897FF



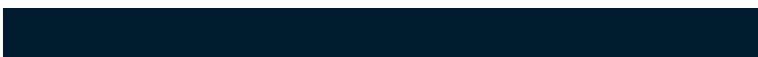
2A39DE



656B70



0066B0



001C30

Previews

White Background



This preview shows how the Hex color DE762A looks on a white background.

Color Contrast Check

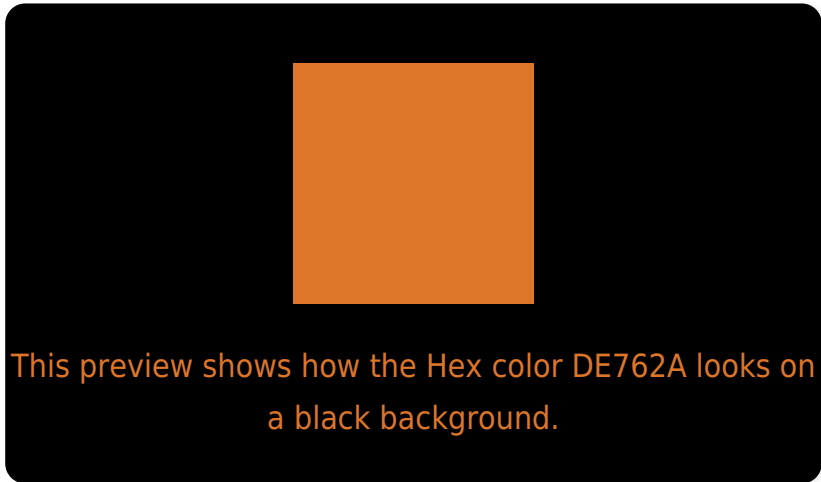
Large Text (above 18pt) WCAG AA ✓ Pass

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 DE762A Background



This preview shows how black text looks on a background with the Hex color DE762A.



This preview shows how white text looks on a background with the Hex color DE762A.

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
DE762A

Protanopia
A49331

Deuteranopia
B88B22



Tritanopia
E16E76

Trichromacy



Original Color
DE762A

Protanomaly
B9882E

Deuteranomaly
C68325

Tritanomaly
E0715A

Monochromacy



Original Color
DE762A

Achromatopsia
8C8C8C

Achromatomaly
AA8468

CSS Examples

Text

The CSS property to change the color of the text to Hex DE762A 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 #DE762A looks like.

```
.text, #text, p{  
    color:#DE762A  
}
```

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 #DE762A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #DE762A
}
```

Border

The CSS property to change the border of an element to Hex DE762A 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
#DE762A }
```

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

```
.border{ border-color:#DE762A }
```

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

Here you see how a box with a 4 pixel #DE762A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #DE762A; -webkit-box-shadow:4px 4px  
4px 4px #DE762A; box-shadow:4px 4px 4px  
4px #DE762A }
```

Background

The CSS property to change the background color of an element to Hex DE762A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#DE762A }
```

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

```
.background{ background-color:#DE762A }
```

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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