

Converting Colors

Hex(D7634A)

Have a look what the booklet for
Hex(D7634A) contains.

Hex(D7634A)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(D7634A)

Conversions

Conversions Part 1

Format	Color
Hex	D7634A
RGB	215, 99, 74
RGB Percent	84%, 39%, 29%
CMY	0.1569, 0.6118, 0.7098
CMYK	0.00, 0.54, 0.66, 0.16
HSL	11°, 64%, 57%
HSV	11°, 66%, 84%
XYZ	33.7222, 23.8652, 9.3076
YIQ	130.8340, 77.1610, 16.8170

Conversions

Conversions Part 2

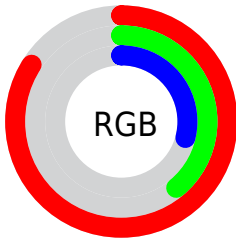
Format	Color
RYB	215, 104, 74
Decimal	14115658
CIELab	55.95, 43.83, 35.95
CIELCh	56, 56.687, 39.364
Yxy	23.8652, 0.5041, 0.3568
Android (android.graphics.Color)	4292305738 (0xFFD7634A)
YUV	130.8340, -28.0192, 73.8136
Hunter-Lab	48.8520, 37.7264, 22.9000

Details

The Hex color **D7634A** is a dark color, and the websafe version is hex **CC6633**. The color can be described as dark muted orange. A complement of this color would be **4ABED7**, and the grayscale version is **838383**.

A 20% lighter version of the original color is **FF997B**, and **9A2F1D** is the 20% darker color. If you saturate the color by 10%, you get **D75134**, and if you desaturate by 10%, it is **D7755F**.

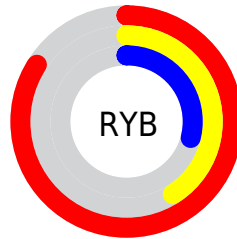
Distribution



Red (84%)

Green (39%)

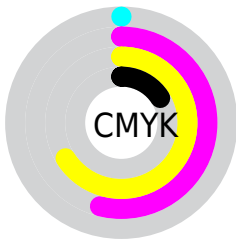
Blue (29%)



Red (84%)

Yellow (41%)

Blue (29%)

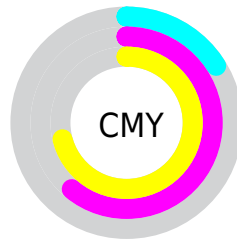


Cyan (0%)

Magenta (54%)

Yellow (66%)

Black (16%)



Cyan (16%)

Magenta (61%)

Yellow (71%)

Brightness & Saturation Gradients

These gradients show how the Hex color D7634A 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 D7634A by changing the saturation by 10% instead.

 D7634A

 D7634A

FFFFFF

 B84933

 FF997B

 9A2F1D

 FFB495

 7D1105

 FFD0B0

 5F0000

 FFEDCC

 420000

 FFFFEE

 280001

 000000

 D7634A

 D7634A

 D75134

 D7755F

 D7401F

 D78675

 D72E09

 D7988B

 D72600

 D7AAA0

 D7BBB5

 D7CDCB

 D7DFE0

 D7F1F6

 D7FFFF

Harmonies

Analogous

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



DF5779



D7634A



BB7724

Triad

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



D7634A



009B61



3887E8

Complementary

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



D7634A



4ABED7

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.



0095E2



D7634A



009E95

Square

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



D7634A



5C9534



009CC3



9C72D3

Rectangle

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



D7634A



A08316



009CC3



008CE9

Sweetspot

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



D7634A



FFD5CC



D74ABF



806661



000000



808080

Same Dimension

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



D7634A



FF5936



D7A84A



6B6260



AB1E00



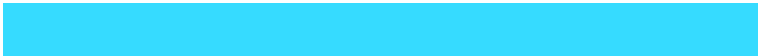
2B0800

Inverse Universe

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



4ABED7



36DBFF



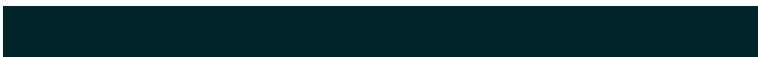
4A79D7



60696B



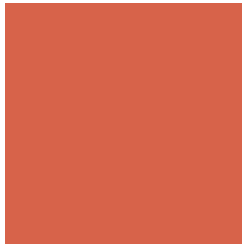
008DAB



00242B

Previews

White Background



This preview shows how the Hex color D7634A looks on a white background.

Color Contrast Check

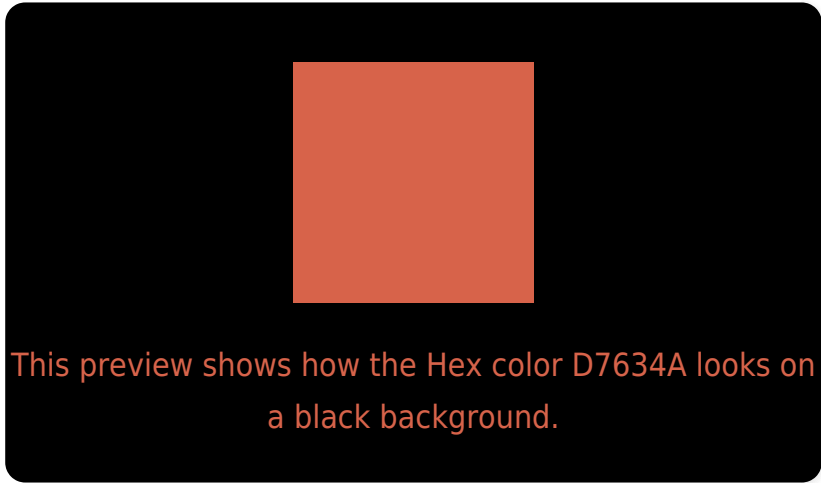
Large Text (above 18pt) WCAG AA ✓ Pass

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 D7634A Background



This preview shows how black text looks on a background with the Hex color D7634A.



This preview shows how white text looks on a background with the Hex color D7634A.

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
D7634A

Protanopia
928757

Deuteranopia
A58044



Tritanopia
D85F66

Trichromacy



Original Color
D7634A

Protanomaly
AB7A52

Deuteranomaly
B77546

Tritanomaly
D8605C

Monochromacy



Original Color
D7634A

Achromatopsia
838383

Achromatomaly
A2776E

CSS Examples

Text

The CSS property to change the color of the text to Hex D7634A 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 #D7634A looks like.

```
.text, #text, p{  
    color:#D7634A  
}
```

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 #D7634A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #D7634A
}
```

Border

The CSS property to change the border of an element to Hex D7634A 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
#D7634A }
```

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

```
.border{ border-color:#D7634A }
```

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

Here you see how a box with a 4 pixel #D7634A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #D7634A; -webkit-box-shadow:4px 4px  
4px 4px #D7634A; box-shadow:4px 4px 4px  
4px #D7634A }
```

Background

The CSS property to change the background color of an element to Hex D7634A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#D7634A }
```

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

```
.background{ background-color:#D7634A }
```

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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