

Converting Colors

Hex(DB7A2E)

Have a look what the booklet for
Hex(DB7A2E) contains.

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Color

Hex(DB7A2E)

Conversions

Conversions Part 1

Format	Color
Hex	DB7A2E
RGB	219, 122, 46
RGB Percent	86%, 48%, 18%
CMY	0.1412, 0.5216, 0.8196
CMYK	0.00, 0.44, 0.79, 0.14
HSL	26°, 71%, 52%
HSV	26°, 79%, 86%
XYZ	36.6661, 29.1764, 6.2839
YIQ	142.3390, 82.2080, -3.0720

Conversions

Conversions Part 2

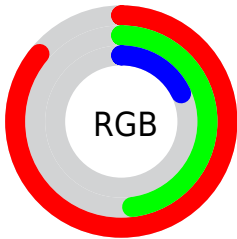
Format	Color
R_{YB}	219, 182, 46
Decimal	14383662
CIE _{Lab}	60.94, 32.36, 55.36
CIE _{LCh}	61, 64.123, 59.695
Yxy	29.1764, 0.5084, 0.4045
Android (android.graphics.Color)	4292573742 (0xFFDB7A2E)
YUV	142.3390, -47.4951, 67.2317
Hunter-Lab	54.0152, 26.6412, 30.9131

Details

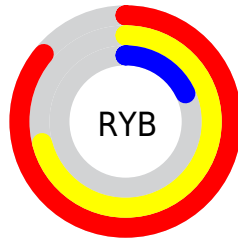
The Hex color **DB7A2E** is a dark color, and the websafe version is hex **CC6600**. The color can be described as dark washed orange. A complement of this color would be **2E8FDB**, and the grayscale version is **8F8F8F**.

A 20% lighter version of the original color is **FFAF61**, and **9E4800** is the 20% darker color. If you saturate the color by 10%, you get **DB6E18**, and if you desaturate by 10%, it is **DB8644**.

Distribution



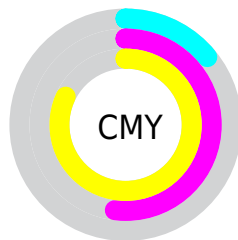
- Red (86%)
- Green (48%)
- Blue (18%)



- Red (86%)
- Yellow (71%)
- Blue (18%)



- Cyan (0%)
- Magenta (44%)
- Yellow (79%)
- Black (14%)



- Cyan (14%)
- Magenta (52%)
- Yellow (82%)

Brightness & Saturation Gradients

These gradients show how the Hex color DB7A2E 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 DB7A2E by changing the saturation by 10% instead.

 DB7A2E

 DB7A2E

FFFFFF

 BC6012

 FFAF61

 9E4800

 FFCB7C

 803000

 FFE796

 631700

 FFFFB2

 460000

 FFFFCE

 2E0001

 FFFFEA

 000000

 DB7A2E

 DB7A2E

 DB6E18

 DB8644

 DB6102

 DB935A

 DB6000

 DB9F70

 DBAB86

 DBB79C

 DBC4B1

 DBD0C7

 DBDCDD

 DBE9F3

Harmonies

Analogous

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



F5635E



DB7A2E



AF9007

Triad

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



DB7A2E



00AD91



9084F6

Complementary

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



DB7A2E



2E8FDB

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



DB7A2E



00ADCA

Square

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



DB7A2E



09A957



00A7F4



D66BCD

Rectangle

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



DB7A2E



8B9B15



00A7F4



6C8CFE

Sweetspot

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



DB7A2E



FFDDC2



DB2E90



806B5B



000000



808080

Same Dimension

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



DB7A2E



FF770D



DBC2E



6E6863



AD4C00



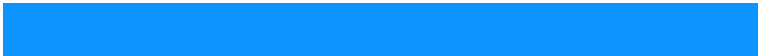
2E1400

Inverse Universe

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



2E8FDB



0D95FF



2E3ADB



63696E



0061AD



001A2E

Previews

White Background



This preview shows how the Hex color DB7A2E looks on a white background.

Color Contrast Check

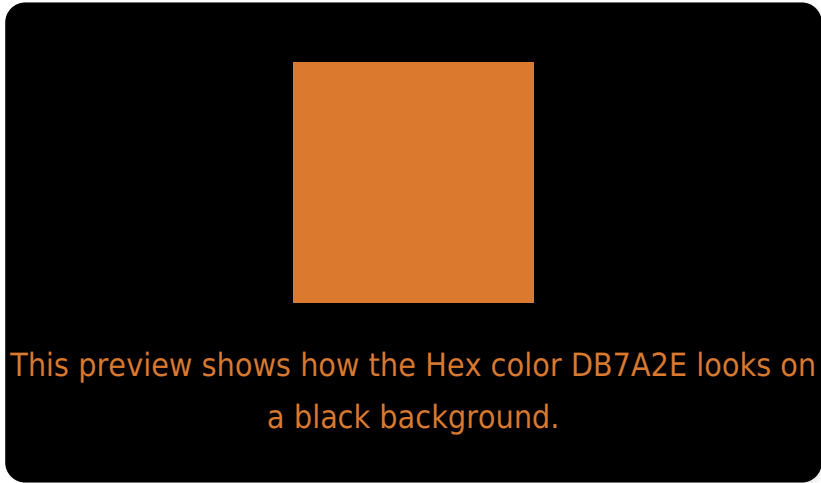
Large Text (above 18pt) WCAG AA ✓ Pass

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

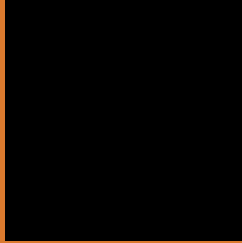
Any Text WCAG AA ✓ Pass

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 DB7A2E Background



This preview shows how black text looks on a background with the Hex color DB7A2E.

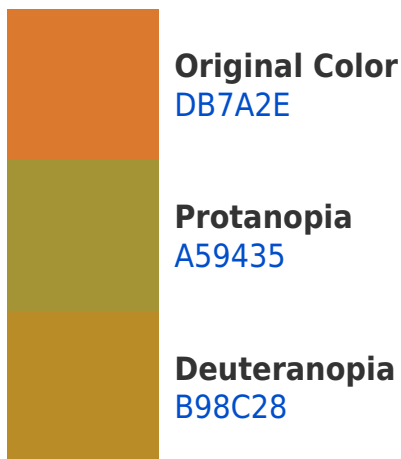


This preview shows how white text looks on a background with the Hex color DB7A2E.

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](#).

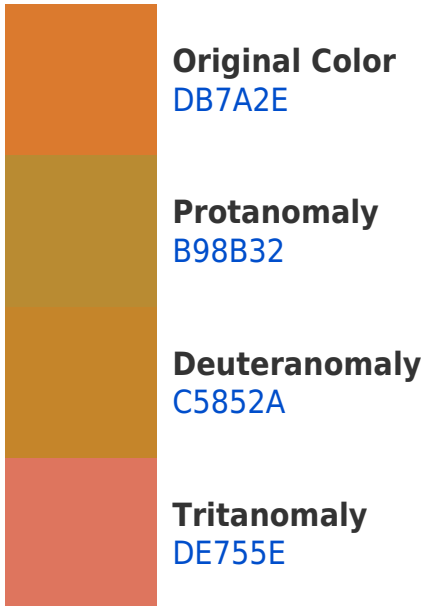
Dichromacy





Tritanopia
DF727A

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex DB7A2E 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 #DB7A2E looks like.

```
.text, #text, p{  
    color:#DB7A2E  
}
```

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 #DB7A2E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #DB7A2E
}
```

Border

The CSS property to change the border of an element to Hex DB7A2E 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
#DB7A2E }
```

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

```
.border{ border-color:#DB7A2E }
```

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

Here you see how a box with a 4 pixel #DB7A2E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #DB7A2E; -webkit-box-shadow:4px 4px  
4px 4px #DB7A2E; box-shadow:4px 4px 4px  
4px #DB7A2E }
```

Background

The CSS property to change the background color of an element to Hex DB7A2E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#DB7A2E }
```

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

```
.background{ background-color:#DB7A2E }
```

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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