

Converting Colors

Hex(DC825E)

Have a look what the booklet for
Hex(DC825E) contains.

Hex(DC825E)	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(DC825E)

Conversions

Conversions Part 1

Format	Color
Hex	DC825E
RGB	220, 130, 94
RGB Percent	86%, 51%, 37%
CMY	0.1373, 0.4902, 0.6314
CMYK	0.00, 0.41, 0.57, 0.14
HSL	17°, 64%, 62%
HSV	17°, 57%, 86%
XYZ	39.5182, 31.9891, 14.6813
YIQ	152.8060, 65.1960, 7.8840

Conversions

Conversions Part 2

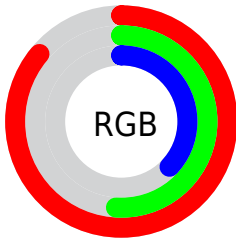
Format	Color
RYB	220, 144, 94
Decimal	14451294
CIELab	63.33, 31.23, 34.23
CIELCh	63, 46.331, 47.622
Yxy	31.9891, 0.4585, 0.3712
Android (android.graphics.Color)	4292641374 (0xFFDC825E)
YUV	152.8060, -28.9914, 58.9291
Hunter-Lab	56.5589, 25.7416, 24.2009

Details

The Hex color **DC825E** is a dark color, and the websafe version is hex **FF9966**. The color can be described as middle muted orange. A complement of this color would be **5EB8DC**, and the grayscale version is **999999**.

A 20% lighter version of the original color is **FFB891**, and **A14F2F** is the 20% darker color. If you saturate the color by 10%, you get **DC7248**, and if you desaturate by 10%, it is **DC9274**.

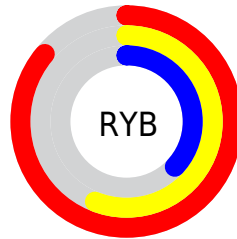
Distribution



Red (86%)

Green (51%)

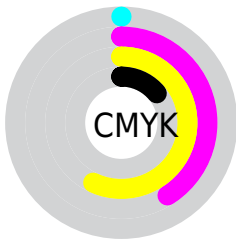
Blue (37%)



Red (86%)

Yellow (56%)

Blue (37%)

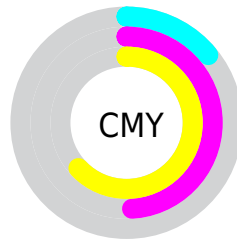


Cyan (0%)

Magenta (41%)

Yellow (57%)

Black (14%)



Cyan (14%)

Magenta (49%)

Yellow (63%)

Brightness & Saturation Gradients

These gradients show how the Hex color DC825E 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 DC825E by changing the saturation by 10% instead.

 DC825E

FFFFFF

 FFB891

 FFD4AC

 FFF0C7

 FFFFFE3

 DC825E

 DC825E

 BE6846

 A14F2F

 843718

 681F00

 4C0500

 320000

 070000

 000000

 DC825E

 DC7248

 DC9274

 DC6332

 DCA18A

 DC531C

 DCB1A0

 DC4306

 DCC1B6

 DC3F00

 DCD1CC

 DCE0E2

 DCF0F8

 DCFFFF

Harmonies

Analogous

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



E77883



DC825E



C09147

Triad

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



DC825E



1FAD86



8195E8

Complementary

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



DC825E



5EB8DC

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.



03A3E9



DC825E



00AEB1

Square

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



DC825E



6BA860



00ABD5



BB85D1

Rectangle

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



DC825E



A89A45



00ABD5



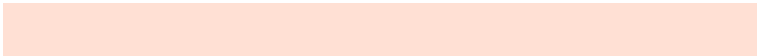
669AEB

Sweetspot

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



DC825E



FFE0D4



DC5EB8



806D66



000000



808080

Same Dimension

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



DC825E



FF814F



DCC15E



6E6663



AD3200



2E0D00

Inverse Universe

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



5EB8DC



4FCDFE



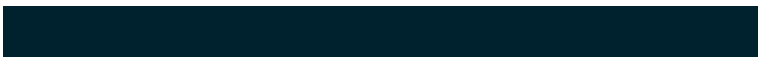
5E79DC



636B6E



007CAD



00212E

Previews

White Background



This preview shows how the Hex color DC825E looks on a white background.

Color Contrast Check

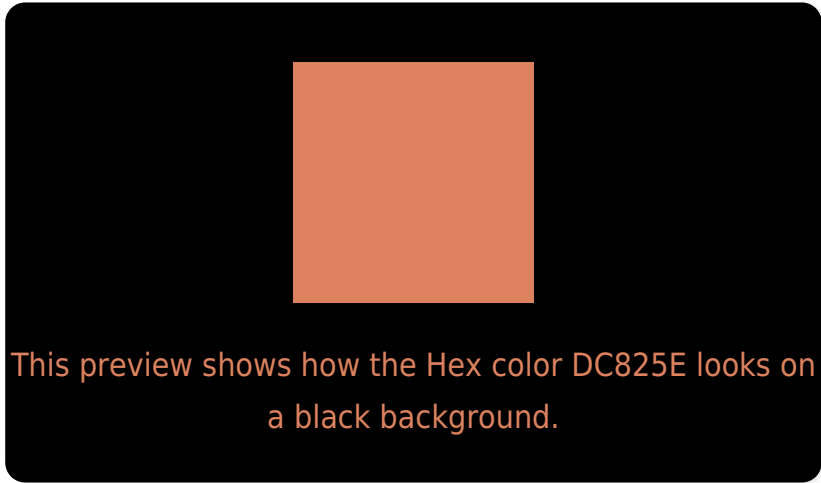
Large Text (above 18pt) WCAG AA × Fail

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

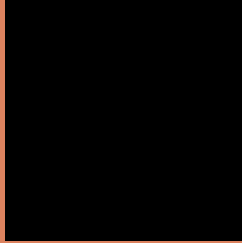
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Hex DC825E Background



This preview shows how black text looks on a background with the Hex color DC825E.

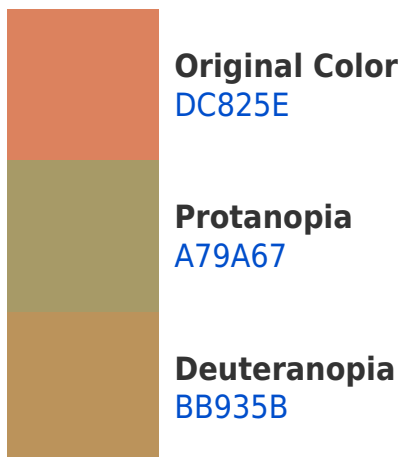


This preview shows how white text looks on a background with the Hex color DC825E.

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
DF7D86

Trichromacy



Original Color
DC825E

Protanomaly
BA9164

Deuteranomaly
C78D5C

Tritanomaly
DE7F77

Monochromacy



Original Color
DC825E

Achromatopsia
999999

Achromatomaly
B19184

CSS Examples

Text

The CSS property to change the color of the text to Hex DC825E 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 #DC825E looks like.

```
.text, #text, p{  
    color:#DC825E  
}
```

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 #DC825E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #DC825E
}
```

Border

The CSS property to change the border of an element to Hex DC825E 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
#DC825E }
```

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

```
.border{ border-color:#DC825E }
```

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

Here you see how a box with a 4 pixel #DC825E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #DC825E; -webkit-box-shadow:4px 4px  
4px 4px #DC825E; box-shadow:4px 4px 4px  
4px #DC825E }
```

Background

The CSS property to change the background color of an element to Hex DC825E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#DC825E }
```

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

```
.background{ background-color:#DC825E }
```

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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