

Converting Colors

Hex(D4685E)

Have a look what the booklet for
Hex(D4685E) contains.

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Color

Hex(D4685E)

Conversions

Conversions Part 1

Format	Color
Hex	D4685E
RGB	212, 104, 94
RGB Percent	83%, 41%, 37%
CMY	0.1686, 0.5922, 0.6314
CMYK	0.00, 0.51, 0.56, 0.17
HSL	5°, 58%, 60%
HSV	5°, 56%, 83%
XYZ	34.1221, 24.7058, 13.5599
YIQ	135.1520, 67.5780, 19.7860

Conversions

Conversions Part 2

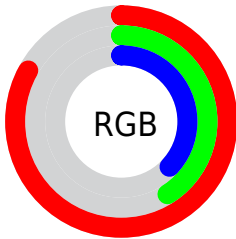
Format	Color
R_{YB}	212, 105, 94
Decimal	13920350
CIE Lab	56.79, 41.62, 25.62
CIE LCh	57, 48.874, 31.615
Yxy	24.7058, 0.4714, 0.3413
Android (android.graphics.Color)	4292110430 (0xFFD4685E)
YUV	135.1520, -20.2879, 67.3957
Hunter-Lab	49.7050, 35.5552, 18.6186

Details

The Hex color **D4685E** is a dark color, and the websafe version is hex **CC6666**. The color can be described as middle muted orange. A complement of this color would be **5ECAD4**, and the grayscale version is **878787**.

A 20% lighter version of the original color is **FF9D90**, and **993430** is the 20% darker color. If you saturate the color by 10%, you get **D45549**, and if you desaturate by 10%, it is **D47B73**.

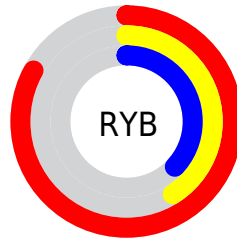
Distribution



Red (83%)

Green (41%)

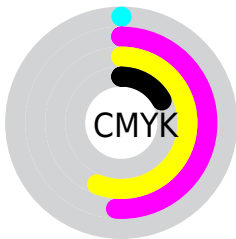
Blue (37%)



Red (83%)

Yellow (41%)

Blue (37%)

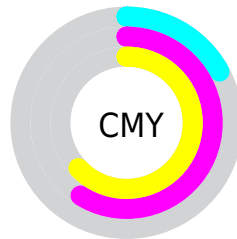


Cyan (0%)

Magenta (51%)

Yellow (56%)

Black (17%)



Cyan (17%)

Magenta (59%)

Yellow (63%)

Brightness & Saturation Gradients

These gradients show how the Hex color D4685E 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 D4685E by changing the saturation by 10% instead.

 D4685E

 D4685E

FFFFFF

 B64E46

 FF9D90

 993430

 FFB9AB

 7C191B

 FFD5C6

 5F0001

 FFF2E2

 430000

 290001

 000000

 D4685E

 D4685E

 D45549

 D47B73

 D44134

 D48F88

 D42E1E

 D4A29E

 D41A09

 D4B6B3

 D41200

 D4C9C8

 D4DCDD

 D4F0F2

 D4FFFF

Harmonies

Analogous

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



D56288



D4685E



C0773D

Triad

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



D4685E



369A5E



328CDD

Complementary

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



D4685E



5ECAD4

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.



0097D3



D4685E



009D89

Square

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



D4685E



72933C



009CB4



8D7CD1

Rectangle

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



D4685E



AA8230



009CB4



0090DC

Sweetspot

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



D4685E



FFD7D4



D45ECA



806866



000000



808080

Same Dimension

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



D4685E



FF6354



D4A35E



6B6160



AB0E00



2B0400

Inverse Universe

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



5ECAD4



54F1FF



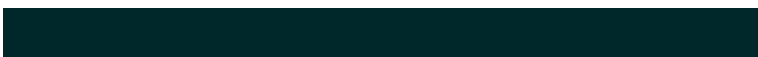
5E8FD4



606A6B



009CAB



00282B

Previews

White Background



This preview shows how the Hex color D4685E looks on a white background.

Color Contrast Check

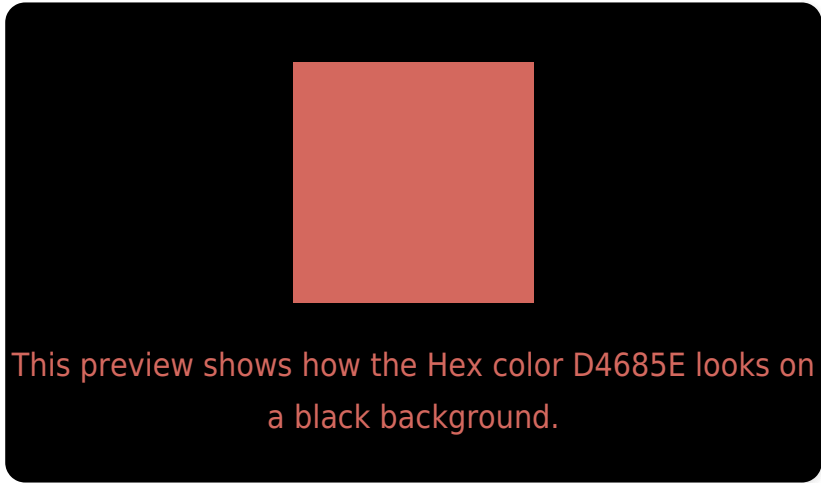
Large Text (above 18pt) WCAG AA ✓ Pass

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 D4685E Background



This preview shows how black text looks on a background with the Hex color D4685E.




This preview shows how white text looks on a background with the Hex color D4685E.

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
D5666D

Trichromacy



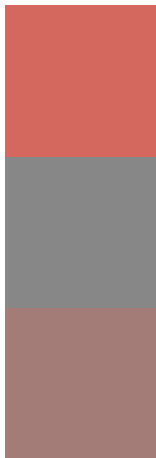
Original Color
D4685E

Protanomaly
A97D67

Deuteranomaly
B5795B

Tritanomaly
D56768

Monochromacy



Original Color
D4685E

Achromatopsia
878787

Achromatomaly
A37C78

CSS Examples

Text

The CSS property to change the color of the text to Hex D4685E 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 #D4685E looks like.

```
.text, #text, p{  
    color:#D4685E  
}
```

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 #D4685E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #D4685E
}
```

Border

The CSS property to change the border of an element to Hex D4685E 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".

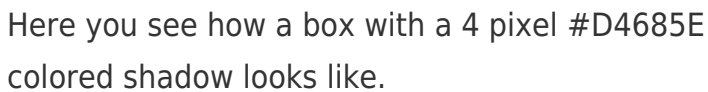
```
.border, #border, table{ border:4px solid
#D4685E }
```

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

```
.border{ border-color:#D4685E }
```

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

Here you see how a box with a 4 pixel #D4685E colored shadow looks like.

A rectangular box with a red border and a red shadow. The box is white with a thin red border on the top and left sides, and a thicker red shadow on the bottom and right sides.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #D4685E; -webkit-box-shadow:4px 4px  
4px 4px #D4685E; box-shadow:4px 4px 4px  
4px #D4685E }
```

Background

The CSS property to change the background color of an element to Hex D4685E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#D4685E }
```

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

```
.background{ background-color:#D4685E }
```

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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