

Converting Colors

Hex(DC7C58)

Have a look what the booklet for
Hex(DC7C58) contains.

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Color

Hex(DC7C58)

Conversions

Conversions Part 1

Format	Color
Hex	DC7C58
RGB	220, 124, 88
RGB Percent	86%, 49%, 35%
CMY	0.1373, 0.5137, 0.6549
CMYK	0.00, 0.44, 0.60, 0.14
HSL	16°, 65%, 60%
HSV	16°, 60%, 86%
XYZ	38.4843, 30.3355, 13.0595
YIQ	148.6000, 68.7720, 9.1560

Conversions

Conversions Part 2

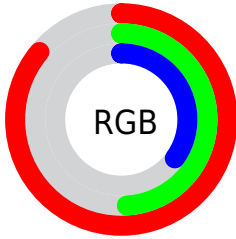
Format	Color
R_{YB}	220, 138, 88
Decimal	14449752
CIE Lab	61.94, 33.94, 35.75
CIE LCh	62, 49.297, 46.488
Yxy	30.3355, 0.4700, 0.3705
Android (android.graphics.Color)	4292639832 (0xFFDC7C58)
YUV	148.6000, -29.8758, 62.6178
Hunter-Lab	55.0777, 28.3369, 24.4961

Details

The Hex color **DC7C58** 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 **58B8DC**, and the grayscale version is **959595**.

A 20% lighter version of the original color is **FFB28B**, and **A04929** is the 20% darker color. If you saturate the color by 10%, you get **DC6C42**, and if you desaturate by 10%, it is **DC8C6E**.

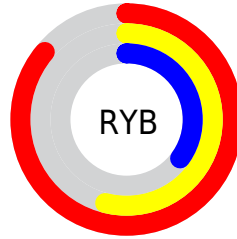
Distribution



Red (86%)

Green (49%)

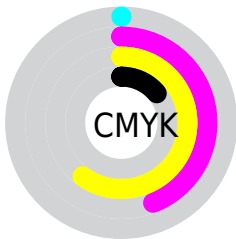
Blue (35%)



Red (86%)

Yellow (54%)

Blue (35%)

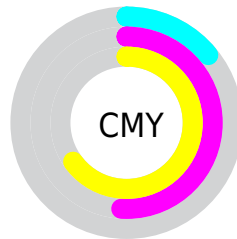


Cyan (0%)

Magenta (44%)

Yellow (60%)

Black (14%)



Cyan (14%)

Magenta (51%)

Yellow (65%)

Brightness & Saturation Gradients

These gradients show how the Hex color DC7C58 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 DC7C58 by changing the saturation by 10% instead.

 DC7C58

 DC7C58

FFFFFF

 BE6240

 FFB28B

 A04929

 FFCEA5

 833113

 FFEAC1

 671800

 FFFFDD

 4A0000

 FFFFF9

 310000

 000000

 DC7C58

 DC7C58

 DC6C42

 DC8C6E

 DC5C2C

 DC9C84

 DC4C16

 DCAC9A

 DC3C00

 DCBCB0

 DCCCC6

 DCDCDC

 DCECF2

 DCFCFF

 DCFFFF

Harmonies

Analogous

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



E7717F



DC7C58



BF8C3E

Triad

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



DC7C58



00AA80



7792E9

Complementary

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



DC7C58



58B8DC

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.



00A0EA



DC7C58



00ACAD

Square

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



DC7C58



66A557



00A8D4



B780D2

Rectangle

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



DC7C58



A6963A



00A8D4



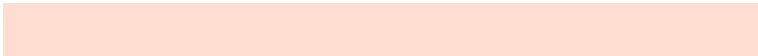
5897EC

Sweetspot

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



DC7C58



FFDED1



DC58B9



806B63



000000



808080

Same Dimension

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



DC7C58



FF7947



DCBD58



6E6663



AD2F00



2E0D00

Inverse Universe

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



58B8DC



47CDFE



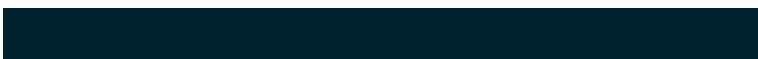
5877DC



636B6E



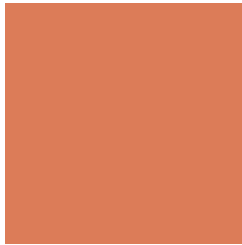
007EAD



00212E

Previews

White Background



This preview shows how the Hex color DC7C58 looks on a white background.

Color Contrast Check

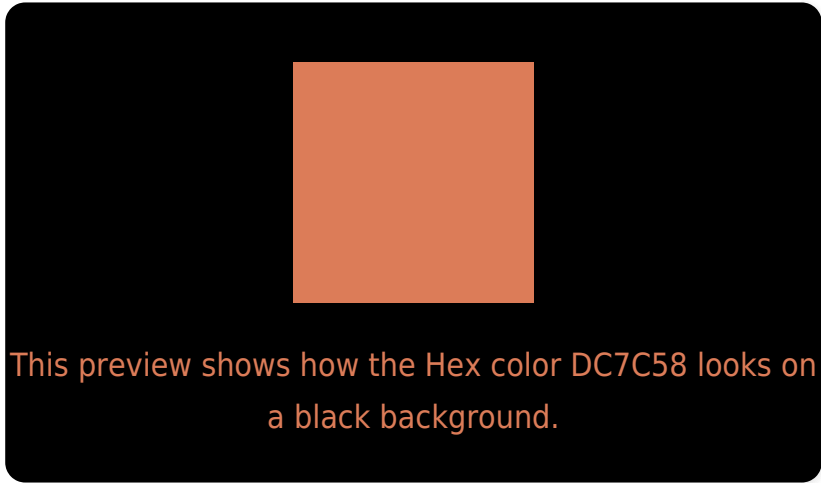
Large Text (above 18pt) WCAG AA × Fail

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 DC7C58 Background



This preview shows how black text looks on a background with the Hex color DC7C58.

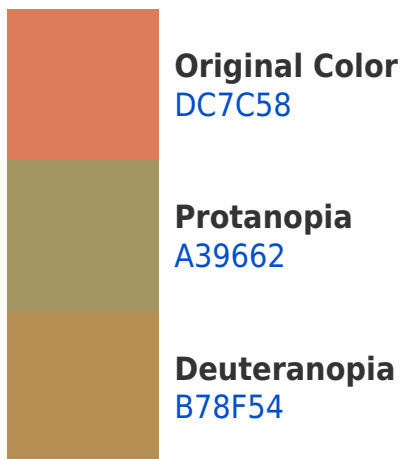



This preview shows how white text looks on a background with the Hex color DC7C58.

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
DF777F

Trichromacy



Original Color
DC7C58

Protanomaly
B88D5E

Deuteranomaly
C48855

Tritanomaly
DE7971

Monochromacy



Original Color
DC7C58

Achromatopsia
959595

Achromatomaly
AF8C7F

CSS Examples

Text

The CSS property to change the color of the text to Hex DC7C58 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 #DC7C58 looks like.

```
.text, #text, p{  
    color:#DC7C58  
}
```

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 #DC7C58 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #DC7C58  
}
```

Border

The CSS property to change the border of an element to Hex DC7C58 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  
#DC7C58 }
```

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

```
.border{ border-color:#DC7C58 }
```

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

Here you see how a box with a 4 pixel #DC7C58 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #DC7C58; -webkit-box-shadow:4px 4px  
4px 4px #DC7C58; box-shadow:4px 4px 4px  
4px #DC7C58 }
```

Background

The CSS property to change the background color of an element to Hex DC7C58 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#DC7C58 }
```

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

```
.background{ background-color:#DC7C58 }
```

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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