

Converting Colors

Hex(DB7F52)

Have a look what the booklet for
Hex(DB7F52) contains.

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Color

Hex(DB7F52)

Conversions

Conversions Part 1

Format	Color
Hex	DB7F52
RGB	219, 127, 82
RGB Percent	86%, 50%, 32%
CMY	0.1412, 0.5020, 0.6784
CMYK	0.00, 0.42, 0.63, 0.14
HSL	20°, 66%, 59%
HSV	20°, 63%, 86%
XYZ	38.3258, 30.8480, 11.9169
YIQ	149.3780, 69.2770, 5.5090

Conversions

Conversions Part 2

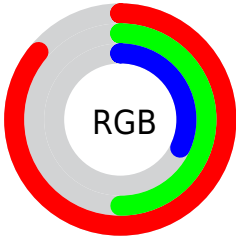
Format	Color
R _Y B	219, 149, 82
Decimal	14384978
CIE Lab	62.38, 31.55, 39.47
CIE LCh	62, 50.530, 51.362
Yxy	30.8480, 0.4726, 0.3804
Android (android.graphics.Color)	4292575058 (0xFFDB7F52)
YUV	149.3780, -33.2174, 61.0585
Hunter-Lab	55.5410, 25.9763, 26.1574

Details

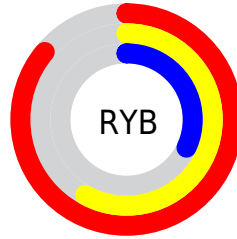
The Hex color **DB7F52** is a dark color, and the websafe version is hex **FF9966**. The color can be described as middle muted orange. A complement of this color would be **52AEDB**, and the grayscale version is **969696**.

A 20% lighter version of the original color is **FFB585**, and **9F4C23** is the 20% darker color. If you saturate the color by 10%, you get **DB703C**, and if you desaturate by 10%, it is **DB8E68**.

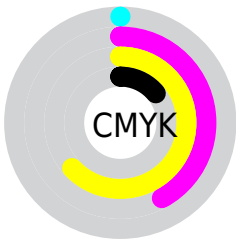
Distribution



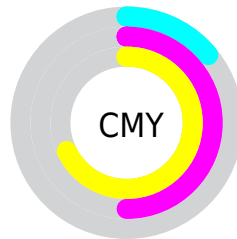
- Red (86%)
- Green (50%)
- Blue (32%)



- Red (86%)
- Yellow (58%)
- Blue (32%)



- Cyan (0%)
- Magenta (42%)
- Yellow (63%)
- Black (14%)



- Cyan (14%)
- Magenta (50%)
- Yellow (68%)

Brightness & Saturation Gradients

These gradients show how the Hex color DB7F52 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 DB7F52 by changing the saturation by 10% instead.

 DB7F52

 DB7F52

FFFFFF

 BD653A

 FFB585

 9F4C23

 FFD19F

 82340B

 FFEDBA

 661C00

 FFFFFD6

 490200

 FFFFF3

 300000

 000000

 DB7F52

 DB7F52

 DB703C

 DB8E68

 DB6226

 DB9C7E

 DB5310

 DBAB94

 DB4800

 DBBAAA

 DBC9C0

 DBD7D5

 DBE6EB

 DBF5FF

 DBFFFF

Harmonies

Analogous

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



EA7279



DB7F52



BB903B

Triad

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



DB7F52



00AC88



8490EA

Complementary

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



DB7F52



52AEDB

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.



009FEF



DB7F52



00ADB6

Square

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



DB7F52



5BA85C



00A9DC



C17ECF

Rectangle

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



DB7F52



A09A3A



00A9DC



6796EF

Sweetspot

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



DB7F52



FFDECF



DB52B0



806C62



000000



808080

Same Dimension

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



DB7F52



FF7F40



DBC252



6E6663



AD3900



2E0F00

Inverse Universe

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



52AEDB



40C0FF



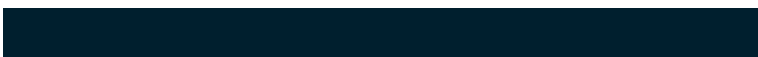
526BDB



636A6E



0074AD



001F2E

Previews

White Background



This preview shows how the Hex color DB7F52 looks on a white background.

Color Contrast Check

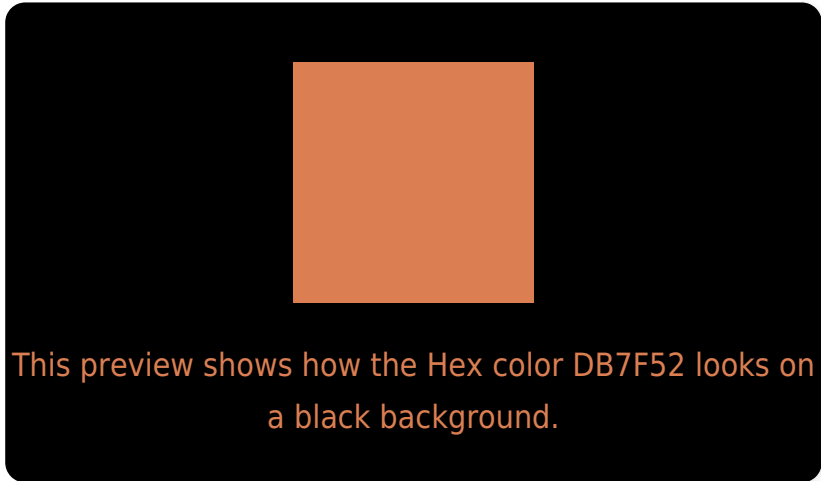
Large Text (above 18pt) WCAG AA × Fail

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

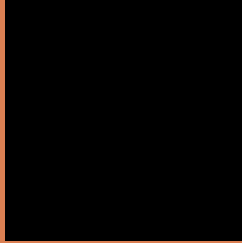
Any Text WCAG AA ✓ Pass

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 DB7F52 Background



This preview shows how black text looks on a background with the Hex color DB7F52.



This preview shows how white text looks on a background with the Hex color DB7F52.

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
DB7F52

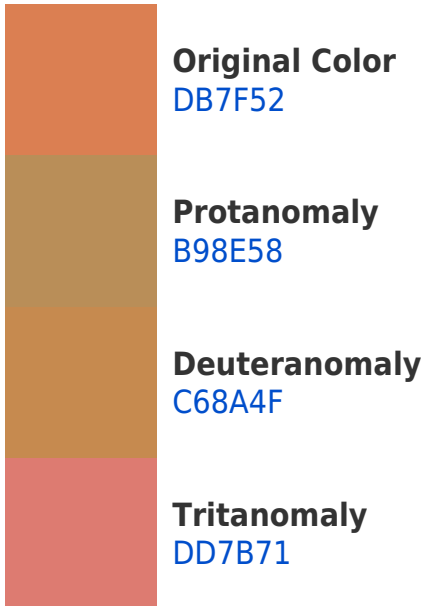
Protanopia
A5975B

Deuteranopia
BA904E



Tritanopia
DE7982

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex DB7F52 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 #DB7F52 looks like.

```
.text, #text, p{  
    color:#DB7F52  
}
```

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 #DB7F52 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #DB7F52
}
```

Border

The CSS property to change the border of an element to Hex DB7F52 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
#DB7F52 }
```

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

```
.border{ border-color:#DB7F52 }
```

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

Here you see how a box with a 4 pixel #DB7F52 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #DB7F52; -webkit-box-shadow:4px 4px  
4px 4px #DB7F52; box-shadow:4px 4px 4px  
4px #DB7F52 }
```

Background

The CSS property to change the background color of an element to Hex DB7F52 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#DB7F52 }
```

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

```
.background{ background-color:#DB7F52 }
```

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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