

Converting Colors

Hex(DE7246)

Have a look what the booklet for
Hex(DE7246) contains.

Hex(DE7246)	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(DE7246)

Conversions

Conversions Part 1

Format	Color
Hex	DE7246
RGB	222, 114, 70
RGB Percent	87%, 45%, 27%
CMY	0.1294, 0.5529, 0.7255
CMYK	0.00, 0.49, 0.68, 0.13
HSL	17°, 70%, 57%
HSV	17°, 68%, 87%
XYZ	37.2470, 28.0064, 9.2370
YIQ	141.2760, 78.4920, 9.2120

Conversions

Conversions Part 2

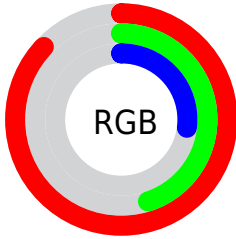
Format	Color
R_{YB}	222, 132, 70
Decimal	14578246
CIE _{Lab}	59.89, 38.76, 42.97
CIE _{LCh}	60, 57.872, 47.950
Yxy	28.0064, 0.5000, 0.3760
Android (android.graphics.Color)	4292768326 (0xFFDE7246)
YUV	141.2760, -35.1391, 70.7949
Hunter-Lab	52.9211, 33.0202, 26.6961

Details

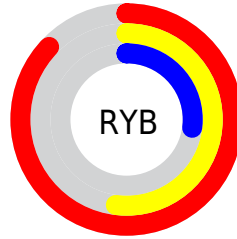
The Hex color **DE7246** is a dark color, and the websafe version is hex **CC6633**. The color can be described as middle muted orange. A complement of this color would be **46B2DE**, and the grayscale version is **8E8E8E**.

A 20% lighter version of the original color is **FFA878**, and **A13F17** is the 20% darker color. If you saturate the color by 10%, you get **DE6230**, and if you desaturate by 10%, it is **DE825C**.

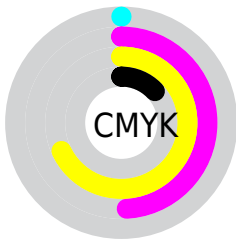
Distribution



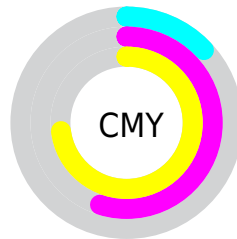
- Red (87%)
- Green (45%)
- Blue (27%)



- Red (87%)
- Yellow (52%)
- Blue (27%)



- Cyan (0%)
- Magenta (49%)
- Yellow (68%)
- Black (13%)



- Cyan (13%)
- Magenta (55%)
- Yellow (73%)

Brightness & Saturation Gradients

These gradients show how the Hex color DE7246 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 DE7246 by changing the saturation by 10% instead.

 DE7246

 DE7246

FFFFFF

 BF582E

 FFA878

 A13F17

 FFC392

 832500

 FFE0AD

 660700

 FFFDC9

 490000

 FFFF E5

 310002

 000000

 DE7246

 DE7246

 DE6230

 DE825C

 DE521A

 DE9272

 DE4303

 DEA189

 DE4000

 DEB19F

 DEC1B5

 DED1CB

 DEE0E1

 DEF0F8

 DEFFFF

Harmonies

Analogous

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



ED6274



DE7246



BC8625

Triad

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



DE7246



00A779



6A8BF2

Complementary

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



DE7246



46B2DE

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.



009CF4



DE7246



00A9AE

Square

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



DE7246



51A248



00A5DB



B975D5

Rectangle

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



DE7246



9E921F



00A5DB



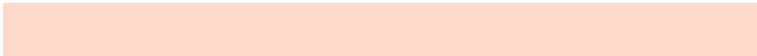
3C92F5

Sweetspot

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



DE7246



FFD9C9



DE46B3



806960



000000



808080

Same Dimension

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



DE7246



FF6A2E



DEBD46



706865



B03300



300E00

Inverse Universe

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



46B2DE



2EC2FF



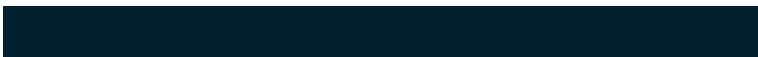
4667DE



656D70



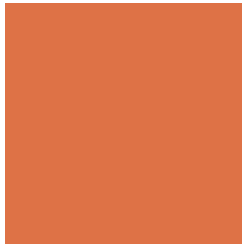
007DB0



002230

Previews

White Background



This preview shows how the Hex color DE7246 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 DE7246 Background



This preview shows how black text looks on a background with the Hex color DE7246.



This preview shows how white text looks on a background with the Hex color DE7246.

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
DE7246

Protanopia
9F9150

Deuteranopia
B38A41



Tritanopia
E06C74

Trichromacy



Original Color
DE7246

Protanomaly
B6864C

Deuteranomaly
C38143

Tritanomaly
DF6E63

Monochromacy



Original Color
DE7246

Achromatopsia
8D8D8D

Achromatomaly
AA8373

CSS Examples

Text

The CSS property to change the color of the text to Hex DE7246 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 #DE7246 looks like.

```
.text, #text, p{  
    color:#DE7246  
}
```

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 #DE7246 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #DE7246
}
```

Border

The CSS property to change the border of an element to Hex DE7246 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
#DE7246 }
```

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

```
.border{ border-color:#DE7246 }
```

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

Here you see how a box with a 4 pixel #DE7246 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #DE7246; -webkit-box-shadow:4px 4px  
4px 4px #DE7246; box-shadow:4px 4px 4px  
4px #DE7246 }
```

Background

The CSS property to change the background color of an element to Hex DE7246 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#DE7246 }
```

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

```
.background{ background-color:#DE7246 }
```

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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