

Converting Colors

Hex(786142)

Have a look what the booklet for
Hex(786142) contains.

Hex(786142)	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(786142)

Conversions

Conversions Part 1

Format	Color
Hex	786142
RGB	120, 97, 66
RGB Percent	47%, 38%, 26%
CMY	0.5294, 0.6196, 0.7412
CMYK	0.00, 0.19, 0.45, 0.53
HSL	34°, 29%, 36%
HSV	34°, 45%, 47%
XYZ	13.0038, 12.9358, 6.9657
YIQ	100.3430, 23.6590, -4.7650

Conversions

Conversions Part 2

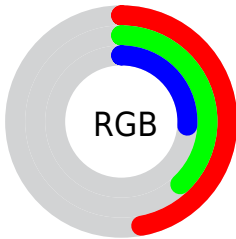
Format	Color
R_{YB}	106, 120, 66
Decimal	7889218
CIE _{Lab}	42.67, 4.77, 21.16
CIE _{LCh}	43, 21.690, 77.301
Yxy	12.9358, 0.3952, 0.3931
Android (android.graphics.Color)	4286079298 (0xFF786142)
YUV	100.3430, -16.9311, 17.2392
Hunter-Lab	35.9664, 1.5962, 13.6936

Details

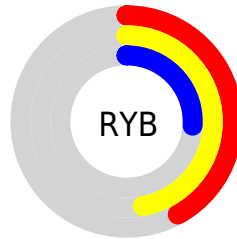
The Hex color **786142** is a dark color, and the websafe version is hex **666633**. A complement of this color would be **425978**, and the grayscale version is **646464**.

A 20% lighter version of the original color is **AD9472**, and **463316** is the 20% darker color. If you saturate the color by 10%, you get **785C36**, and if you desaturate by 10%, it is **78664E**.

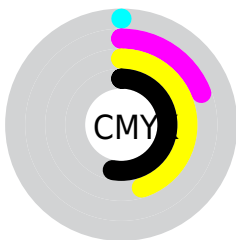
Distribution



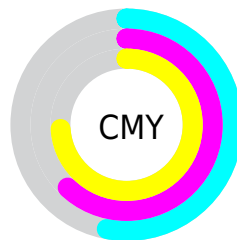
- Red (47%)
- Green (38%)
- Blue (26%)



- Red (42%)
- Yellow (47%)
- Blue (26%)



- Cyan (0%)
- Magenta (19%)
- Yellow (45%)
- Black (53%)



- Cyan (53%)
- Magenta (62%)
- Yellow (74%)

Brightness & Saturation Gradients

These gradients show how the Hex color 786142 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 786142 by changing the saturation by 10% instead.

 786142

 786142

FFFFFF

 5E492B

 AD9472

 463316

 C9AE8C

 2F1E00

 E6C9A6

 170600

 FFE6C2

 000000

 FFFFDE

 FFFFFA

 786142

 786142

 785C36

 78664E

■ 78572A

■ 786B5A

■ 78521E

■ 787066

■ 784D12

■ 787572

■ 784706

■ 787B7E

■ 784500

■ 78808A

■ 788596

■ 788AA2

■ 788FAE

Harmonies

Analogous

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



845B4B



786142



676742

Triad

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



786142



2C6F6F



745D7D

Complementary

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



786142



425978

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.



5C6387



786142



2C6D7E

Square

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



786142



3D6E5C



416987



83586D

Rectangle

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



786142



596A48



416987



6D5F81

Sweetspot

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



786142



9C9286



784259



4F4942



CFCFCF



4F4F4F

Same Dimension

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



786142



9C7848



747842



3D3B37



7D4800



FC9100

Inverse Universe

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



425978



486B9C



464278



373A3D



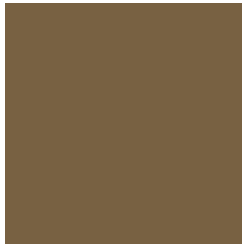
00357D



006CFC

Previews

White Background



This preview shows how the Hex color 786142 looks on a white background.

Color Contrast Check

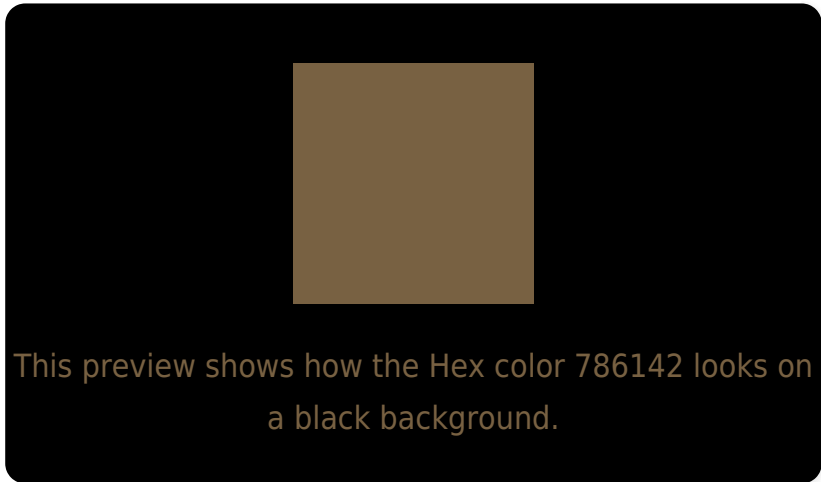
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

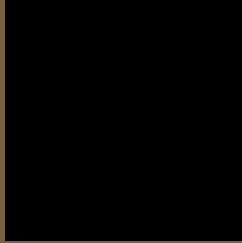
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

Hex 786142 Background



This preview shows how black text looks on a background with the Hex color 786142.



This preview shows how white text looks on a background with the Hex color 786142.

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
786142

Protanopia
6D6544

Deuteranopia
796042



Tritanopia
7B5D64

Trichromacy



Original Color
786142

Protanomaly
716443

Deuteranomaly
796042

Tritanomaly
7A5E58

Monochromacy



Original Color
786142

Achromatopsia
646464

Achromatomaly
6B6358

CSS Examples

Text

The CSS property to change the color of the text to Hex 786142 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 #786142 looks like.

```
.text, #text, p{  
    color:#786142  
}
```

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 #786142 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #786142
}
```

Border

The CSS property to change the border of an element to Hex 786142 is called "border". The border property can be set on classes, ids or directly on the HTML element.

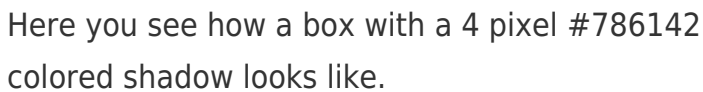
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#786142 }
```

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

```
.border{ border-color:#786142 }
```

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



Here you see how a box with a 4 pixel #786142 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #786142; -webkit-box-shadow:4px 4px  
4px 4px #786142; box-shadow:4px 4px 4px  
4px #786142 }
```

Background

The CSS property to change the background color of an element to Hex 786142 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#786142 }
```

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

```
.background{ background-color:#786142 }
```

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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