

Converting Colors

Hex(40782E)

Have a look what the booklet for
Hex(40782E) contains.

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Color

Hex(40782E)

Conversions

Conversions Part 1

Format	Color
Hex	40782E
RGB	64, 120, 46
RGB Percent	25%, 47%, 18%
CMY	0.7490, 0.5294, 0.8196
CMYK	0.47, 0.00, 0.62, 0.53
HSL	105°, 45%, 33%
HSV	105°, 62%, 47%
XYZ	9.3240, 14.7202, 4.9346
YIQ	94.8200, -9.6220, -34.8860

Conversions

Conversions Part 2

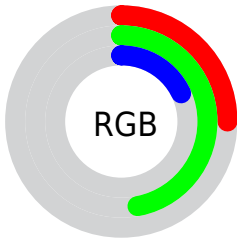
Format	Color
R_{YB}	46, 120, 102
Decimal	4225070
CIE _{Lab}	45.25, -33.40, 34.29
CIE _{LCh}	45, 47.874, 134.246
Yxy	14.7202, 0.3218, 0.5080
Android (android.graphics.Color)	4282415150 (0xFF40782E)
YUV	94.8200, -24.0683, -27.0291
Hunter-Lab	38.3669, -23.7628, 19.2311

Details

The Hex color **40782E** is a dark color, and the websafe version is hex **336600**. A complement of this color would be **662E78**, and the grayscale version is **5F5F5F**.

A 20% lighter version of the original color is **74AD5F**, and **064700** is the 20% darker color. If you saturate the color by 10%, you get **377822**, and if you desaturate by 10%, it is **49783A**.

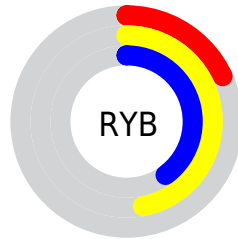
Distribution



Red (25%)

Green (47%)

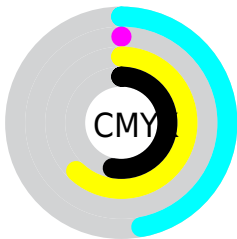
Blue (18%)



Red (18%)

Yellow (47%)

Blue (40%)

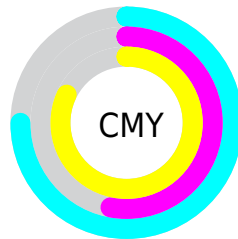


Cyan (47%)

Magenta (0%)

Yellow (62%)

Black (53%)



Cyan (75%)

Magenta (53%)

Yellow (82%)

Brightness & Saturation Gradients

These gradients show how the Hex color 40782E 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 40782E by changing the saturation by 10% instead.

 40782E

 40782E

FFFFFF

 265F16

 74AD5F

 064700

 8FC878

 003000

 AAE592

 001B00

 C6FFAD

 000000

 E3FFC9

 FFFF E5

 40782E

 40782E

 377822

 49783A

■ 2E7816

■ 527846

■ 25780A

■ 5B7852

■ 1D7800

■ 64785E

■ 6D786A

■ 767876

■ 807882

■ 89788E

■ 92789A

Harmonies

Analogous

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



6E6F13



40782E



007D54

Triad

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



40782E



0075B8



B4465A

Complementary

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



40782E



662E78

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.



A94982



40782E



4169B9

Square

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



40782E



007CA2



8558A5



AA5135

Rectangle

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



40782E



007E70



8558A5



B34567

Sweetspot

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



40782E



859C7E



78652E



414F3D



CFCFCF



4F4F4F

Same Dimension

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



40782E



449C28



2E7841



393D37



1E7D00



3DFC00

Inverse Universe

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



662E78



80289C



782E65



3C373D



5F007D



BF00FC

Previews

White Background



This preview shows how the Hex color 40782E looks on a white background.

Color Contrast Check

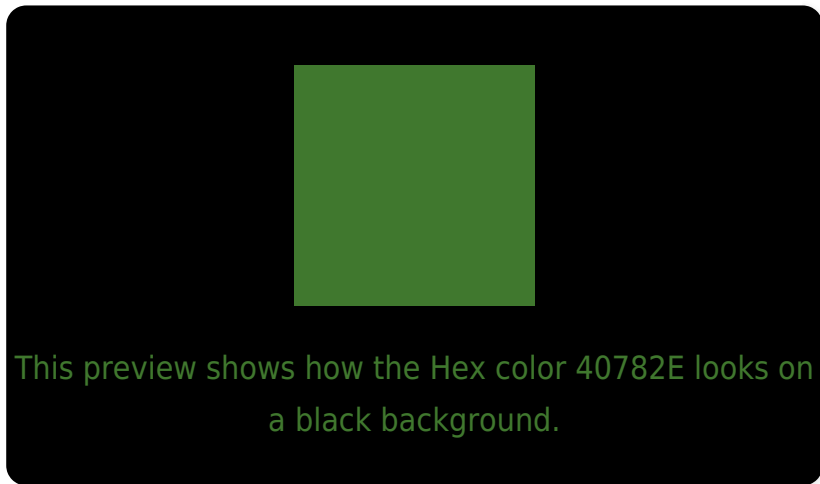
Large Text (above 18pt) WCAG AA ✓ Pass

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

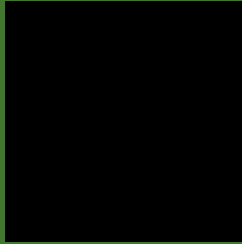
Any Text WCAG AA × Fail

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 40782E Background



This preview shows how black text looks on a background with the Hex color 40782E.



This preview shows how white text looks on a background with the Hex color 40782E.

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
40782E

Protanopia
776B2A

Deuteranopia
836533



Tritanopia
4E7079

Trichromacy



Original Color
40782E

Protanomaly
63702B

Deuteranomaly
6B6C31

Tritanomaly
49735E

Monochromacy



Original Color
40782E

Achromatopsia
5F5F5F

Achromatomaly
54684D

CSS Examples

Text

The CSS property to change the color of the text to Hex 40782E 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 #40782E looks like.

```
.text, #text, p{  
    color:#40782E  
}
```

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 #40782E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #40782E
}
```

Border

The CSS property to change the border of an element to Hex 40782E is called "border". The border property can be set on classes, ids or directly on the HTML element.

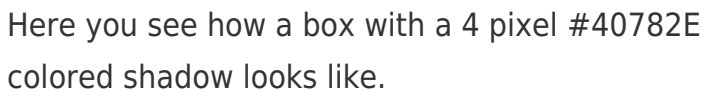
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#40782E }
```

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

```
.border{ border-color:#40782E }
```

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



Here you see how a box with a 4 pixel #40782E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #40782E; -webkit-box-shadow:4px 4px  
4px 4px #40782E; box-shadow:4px 4px 4px  
4px #40782E }
```

Background

The CSS property to change the background color of an element to Hex 40782E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#40782E }
```

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

```
.background{ background-color:#40782E }
```

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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