

Converting Colors

Hex(3E7C10)

Have a look what the booklet for
Hex(3E7C10) contains.

Hex(3E7C10)	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(3E7C10)

Conversions

Conversions Part 1

Format	Color
Hex	3E7C10
RGB	62, 124, 16
RGB Percent	24%, 49%, 6%
CMY	0.7569, 0.5137, 0.9373
CMYK	0.50, 0.00, 0.87, 0.51
HSL	94°, 77%, 27%
HSV	94°, 87%, 49%
XYZ	9.2878, 15.4768, 2.9880
YIQ	93.1500, -2.2840, -46.7320

Conversions

Conversions Part 2

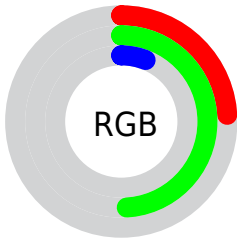
Format	Color
RYB	16, 124, 78
Decimal	4094992
CIELab	46.28, -38.15, 47.05
CIELCh	46, 60.577, 129.034
Yxy	15.4768, 0.3347, 0.5577
Android (android.graphics.Color)	4282285072 (0xFF3E7C10)
YUV	93.1500, -38.0349, -27.3185
Hunter-Lab	39.3406, -26.7047, 23.0352

Details

The Hex color **3E7C10** is a dark color, and the websafe version is hex **336600**. A complement of this color would be **4E107C**, and the grayscale version is **5E5E5E**.

A 20% lighter version of the original color is **74B147**, and **004A00** is the 20% darker color. If you saturate the color by 10%, you get **377C04**, and if you desaturate by 10%, it is **457C1C**.

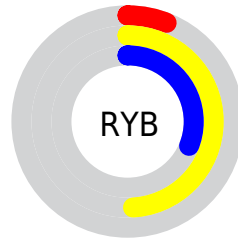
Distribution



Red (24%)

Green (49%)

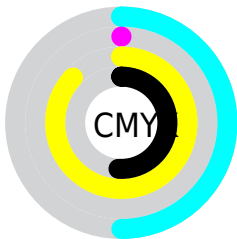
Blue (6%)



Red (6%)

Yellow (49%)

Blue (31%)

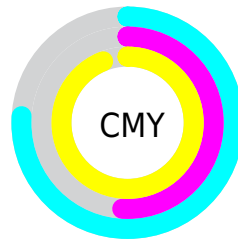


Cyan (50%)

Magenta (0%)

Yellow (87%)

Black (51%)



Cyan (76%)

Magenta (51%)

Yellow (94%)

Brightness & Saturation Gradients

These gradients show how the Hex color 3E7C10 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 3E7C10 by changing the saturation by 10% instead.



3E7C10



3E7C10

FFFFFF



216300



74B147



004A00



8FCD61



003300



ABE97B



001E00



C8FF96



000000



E5FFB2



FFFFCE



FFFFEA



3E7C10



3E7C10

■ 377C04

■ 457C1C

■ 357C00

■ 4C7C29

■ 537C35

■ 5A7C42

■ 627C4E

■ 697C5A

■ 707C67

■ 777C73

■ 7E7C80

Harmonies

Analogous

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



767000



3E7C10



008247

Triad

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



3E7C10



007DCD



C73561

Complementary

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



3E7C10



4E107C

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.



B53F93



3E7C10



006FD3

Square

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



3E7C10



0083AD



8259BD



BE4630

Rectangle

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



3E7C10



00846A



8259BD



C43572

Sweetspot

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



3E7C10



89A177



7C4D10



435238



D1D1D1



525252

Same Dimension

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



3E7C10



44A100



107C17



3A3D37



357D00



6CFC00

Inverse Universe

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



4E107C



5C00A1



7C1075



3B373D



48007D



9100FC

Previews

White Background



This preview shows how the Hex color 3E7C10 looks on a white background.

Color Contrast Check

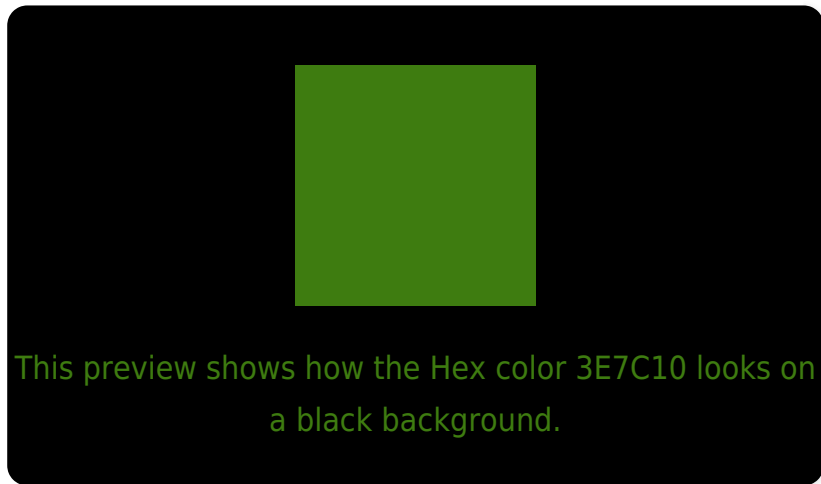
Large Text (above 18pt) WCAG AA ✓ Pass

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 3E7C10 Background



This preview shows how black text looks on a background with the Hex color 3E7C10.



This preview shows how white text looks on a background with the Hex color 3E7C10.

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
3E7C10

Protanopia
7B6D0B

Deuteranopia
89681D



Tritanopia
4E737D

Trichromacy



Original Color
3E7C10

Protanomaly
65720D

Deuteranomaly
6E6F18

Tritanomaly
487655

Monochromacy



Original Color
3E7C10

Achromatopsia
5D5D5D

Achromatomaly
526841

CSS Examples

Text

The CSS property to change the color of the text to Hex 3E7C10 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 #3E7C10 looks like.

```
.text, #text, p{  
    color:#3E7C10  
}
```

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 #3E7C10 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3E7C10
}
```

Border

The CSS property to change the border of an element to Hex 3E7C10 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
#3E7C10 }
```

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

```
.border{ border-color:#3E7C10 }
```

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

Here you see how a box with a 4 pixel #3E7C10 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3E7C10; -webkit-box-shadow:4px 4px  
4px 4px #3E7C10; box-shadow:4px 4px 4px  
4px #3E7C10 }
```

Background

The CSS property to change the background color of an element to Hex 3E7C10 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3E7C10 }
```

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

```
.background{ background-color:#3E7C10 }
```

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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