

Converting Colors

Hex(3E7224)

Have a look what the booklet for
Hex(3E7224) contains.

Hex(3E7224)	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(3E7224)

Conversions

Conversions Part 1

Format	Color
Hex	3E7224
RGB	62, 114, 36
RGB Percent	24%, 45%, 14%
CMY	0.7569, 0.5529, 0.8588
CMYK	0.46, 0.00, 0.68, 0.55
HSL	100°, 52%, 29%
HSV	100°, 68%, 45%
XYZ	8.3224, 13.1861, 3.7756
YIQ	89.5600, -5.9540, -35.2820

Conversions

Conversions Part 2

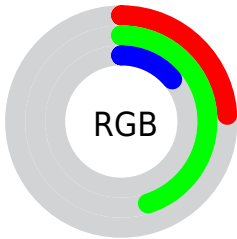
Format	Color
RYB	36, 114, 88
Decimal	4092452
CIELab	43.04, -32.47, 36.58
CIELCh	43, 48.908, 131.591
Yxy	13.1861, 0.3292, 0.5215
Android (android.graphics.Color)	4282282532 (0xFF3E7224)
YUV	89.5600, -26.4051, -24.1701
Hunter-Lab	36.3127, -22.6376, 19.2542

Details


The Hex color **3E7224** is a dark color, and the websafe version is hex **336600**. A complement of this color would be **582472**, and the grayscale version is **5A5A5A**.

A 20% lighter version of the original color is **72A655**, and **074100** is the 20% darker color. If you saturate the color by 10%, you get **367219**, and if you desaturate by 10%, it is **46722F**.

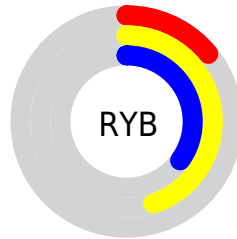
Distribution



 Red (24%)

 Green (45%)

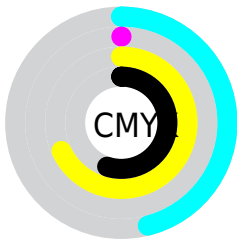
 Blue (14%)




 Red (14%)

 Yellow (45%)

 Blue (35%)

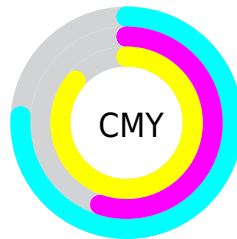



 Cyan (46%)


 Magenta (0%)

 Yellow (68%)

 Black (55%)



 Cyan (76%)

 Magenta (55%)

 Yellow (86%)

Brightness & Saturation Gradients

These gradients show how the Hex color 3E7224 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 3E7224 by changing the saturation by 10% instead.

 3E7224

 3E7224

FFFFFF

 24590A

 72A655

 074100

 8DC26E

 002B00

 A8DE88

 001300

 C4FBA3

 000000

 E0FFBE

 FEFFDA

 FFFFF7

 3E7224

 3E7224

■ 367219

■ 46722F

■ 2F720D

■ 4D723B

■ 277202

■ 557246

■ 267200

■ 5C7252

■ 64725D

■ 6C7268

■ 737274

■ 7B727F

■ 82728B

Harmonies

Analogous

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



6B6906



3E7224



00774B

Triad

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



3E7224



0071B2



AE3E58

Complementary

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



3E7224



582472

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.



A24380



3E7224



2B65B5

Square

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



3E7224



00779B



7B54A3



A64932

Rectangle

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



3E7224



007967



7B54A3



AD3D65

Sweetspot

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



3E7224



7F9475



725824



3E4A37



C9C9C9



4A4A4A

Same Dimension

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



3E7224



43941B



247231



343832



287800



52F700

Inverse Universe

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



582472



6B1B94



722465



363238



500078



A500F7

Previews

White Background



This preview shows how the Hex color 3E7224 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

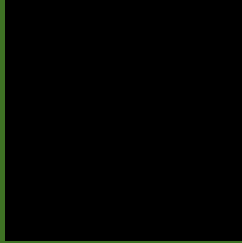
Any Text WCAG AA × Fail

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 3E7224 Background



This preview shows how black text looks on a background with the Hex color 3E7224.



This preview shows how white text looks on a background with the Hex color 3E7224.

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
3E7224

Protanopia
716521

Deuteranopia
7E602A



Tritanopia
4B6B73

Trichromacy



Original Color
3E7224

Protanomaly
5E6A22

Deuteranomaly
676728

Tritanomaly
466E56

Monochromacy



Original Color
3E7224

Achromatopsia
5A5A5A

Achromatomaly
506346

CSS Examples

Text

The CSS property to change the color of the text to Hex 3E7224 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 #3E7224 looks like.

```
.text, #text, p{  
    color:#3E7224  
}
```

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 #3E7224 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3E7224
}
```

Border

The CSS property to change the border of an element to Hex 3E7224 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".

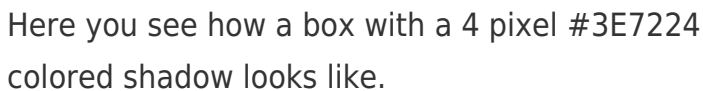
```
.border, #border, table{ border:4px solid
#3E7224 }
```

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

```
.border{ border-color:#3E7224 }
```

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

Here you see how a box with a 4 pixel #3E7224 colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3E7224; -webkit-box-shadow:4px 4px  
4px 4px #3E7224; box-shadow:4px 4px 4px  
4px #3E7224 }
```

Background

The CSS property to change the background color of an element to Hex 3E7224 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3E7224 }
```

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

```
.background{ background-color:#3E7224 }
```

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](#).

Hey! You found this booklet
interesting? Support Converting
Colors with the new Membership
Option!

The pro membership hides all ads, plus gives you
double the colors in the color bucket, and more
awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor