

Converting Colors

Hex(3E7273)

Have a look what the booklet for
Hex(3E7273) contains.

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Color

Hex(3E7273)

Conversions

Conversions Part 1

Format	Color
Hex	3E7273
RGB	62, 114, 115
RGB Percent	24%, 45%, 45%
CMY	0.7569, 0.5529, 0.5490
CMYK	0.46, 0.01, 0.00, 0.55
HSL	181°, 30%, 35%
HSV	181°, 46%, 45%
XYZ	11.0984, 14.2966, 18.3942
YIQ	98.5660, -31.3130, -10.7130

Conversions

Conversions Part 2

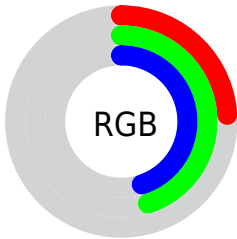
Format	Color
RYB	62, 88, 115
Decimal	4092531
CIELab	44.66, -17.06, -5.98
CIElCh	45, 18.077, 199.329
Yxy	14.2966, 0.2535, 0.3265
Android (android.graphics.Color)	4282282611 (0xFF3E7273)
YUV	98.5660, 8.1020, -32.0684
Hunter-Lab	37.8108, -13.7746, -2.3759




Details

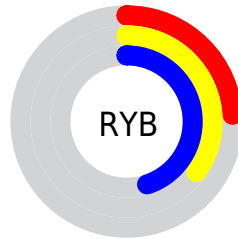
The Hex color **3E7273** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **733F3E**, and the grayscale version is **636363**.




A 20% lighter version of the original color is **71A6A7**, and **054243** is the 20% darker color. If you saturate the color by 10%, you get **337273**, and if you desaturate by 10%, it is **4A7273**.

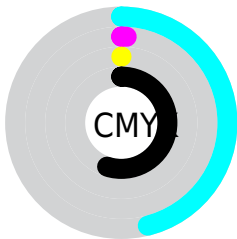
Distribution







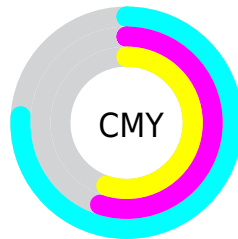
-  Red (24%)
-  Green (45%)
-  Blue (45%)






-  Red (24%)
-  Yellow (35%)
-  Blue (45%)



-  Cyan (46%)
-  Magenta (1%)
-  Yellow (0%)
-  Black (55%)



-  Cyan (76%)
-  Magenta (55%)
-  Yellow (55%)

Brightness & Saturation Gradients

These gradients show how the Hex color 3E7273 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 3E7273 by changing the saturation by 10% instead.

■ 3E7273

■ 3E7273

FFFFFF

■ 24595A

■ 71A6A7

■ 054243

■ 8CC1C2

■ 002B2D

■ A7DDDE

■ 001818

■ C3FAFA

■ 000000

■ DFFFFF

■ FCFFFF

■ 3E7273

■ 3E7273

■ 337273

■ 4A7273

■ 277273

■ 557273

■ 1C7173

■ 617373

■ 107173

■ 6C7373

■ 057173

■ 787373

■ 007173

■ 837373

■ 8F7473

■ 9A7473

■ A57473

Harmonies

Analogous

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



497264



3E7273



407080

Triad

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



3E7273



78637D



7A674C

Complementary

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



3E7273



733F3E

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.



846253



3E7273



845F70

Square

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



3E7273



656886



885F60



6A6C4D

Rectangle

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



3E7273



496E85



885F60



7E654E

Sweetspot

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



3E7273



819696



3E733F



3F4C4D



CCCCCC



4D4D4D

Same Dimension

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



3E7273



449596



3E5873



353B3B



00787A



00F5FA

Inverse Universe

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



733E72



964495



73593E



3B353B



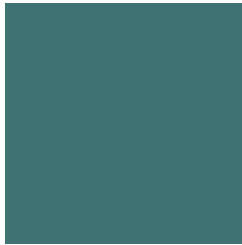
7A0078



FA00F5

Previews

White Background



This preview shows how the Hex color 3E7273 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

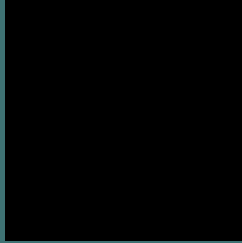
Any Text WCAG AA × Fail

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 3E7273 Background



This preview shows how black text looks on a background with the Hex color 3E7273.

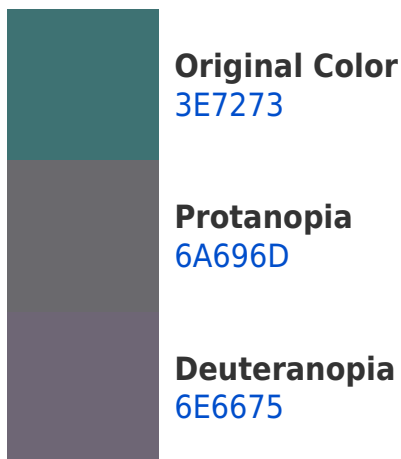


This preview shows how white text looks on a background with the Hex color 3E7273.

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](#).

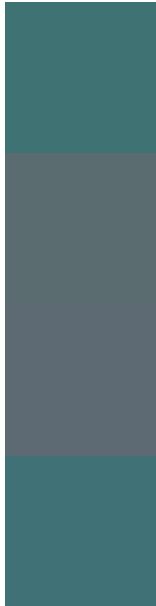
Dichromacy





Tritanopia
40717A

Trichromacy



Original Color
3E7273

Protanomaly
5A6C6F

Deuteranomaly
5D6A74

Tritanomaly
3F7177

Monochromacy



Original Color
3E7273

Achromatopsia
636363

Achromatomaly
566869

CSS Examples

Text

The CSS property to change the color of the text to Hex 3E7273 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 #3E7273 looks like.

```
.text, #text, p{  
    color:#3E7273  
}
```

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 #3E7273 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3E7273
}
```

Border

The CSS property to change the border of an element to Hex 3E7273 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
#3E7273 }
```

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

```
.border{ border-color:#3E7273 }
```

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

Here you see how a box with a 4 pixel #3E7273 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3E7273; -webkit-box-shadow:4px 4px  
4px 4px #3E7273; box-shadow:4px 4px 4px  
4px #3E7273 }
```

Background

The CSS property to change the background color of an element to Hex 3E7273 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3E7273 }
```

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

```
.background{ background-color:#3E7273 }
```

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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