

Converting Colors

Hex(3E4172)

Have a look what the booklet for
Hex(3E4172) contains.

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Color

Hex(3E4172)

Conversions

Conversions Part 1

Format	Color
Hex	3E4172
RGB	62, 65, 114
RGB Percent	24%, 25%, 45%
CMY	0.7569, 0.7451, 0.5529
CMYK	0.46, 0.43, 0.00, 0.55
HSL	237°, 30%, 35%
HSV	237°, 46%, 45%
XYZ	6.9142, 6.0196, 16.7171
YIQ	69.6890, -17.5170, 14.6030

Conversions

Conversions Part 2

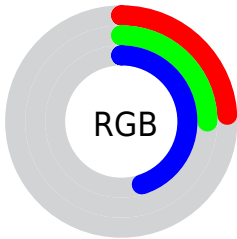
Format	Color
R_{YB}	62, 65, 114
Decimal	4079986
CIE _{Lab}	29.46, 12.77, -28.71
CIE _{LCh}	29, 31.421, 293.973
Yxy	6.0196, 0.2332, 0.2030
Android (android.graphics.Color)	4282270066 (0xFF3E4172)
YUV	69.6890, 21.8453, -6.7433
Hunter-Lab	24.5349, 7.3668, -23.2233

Details

The Hex color **3E4172** is a dark color, and the websafe version is hex **333366**. A complement of this color would be **726F3E**, and the grayscale version is **454545**.

A 20% lighter version of the original color is **7071A6**, and **0A1742** is the 20% darker color. If you saturate the color by 10%, you get **333672**, and if you desaturate by 10%, it is **494C72**.

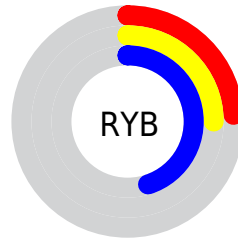
Distribution



Red (24%)

Green (25%)

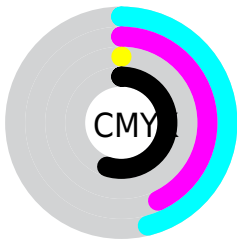
Blue (45%)



Red (24%)

Yellow (25%)

Blue (45%)

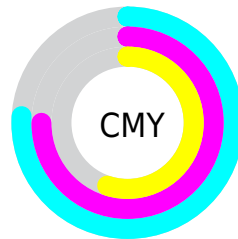


Cyan (46%)

Magenta (43%)

Yellow (0%)

Black (55%)



Cyan (76%)

Magenta (75%)

Yellow (55%)

Brightness & Saturation Gradients

These gradients show how the Hex color 3E4172 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 3E4172 by changing the saturation by 10% instead.

■ 3E4172

■ 3E4172

FFFFFF

■ 252B59

■ 7071A6

■ 0A1742

■ 8B8AC2

■ 00002B

■ A6A4DE

■ 000116

■ C1BFFA

■ 000000

■ DDDBF

■ FAF8FF

■ 3E4172

■ 3E4172

■ 333672

■ 494C72

■ 272C72

■ 555672

■ 1C2172

■ 606172

■ 101672

■ 6C6C72

■ 050B72

■ 777772

■ 000772

■ 828172

■ 8E8C72

■ 999772

■ A5A272

Harmonies

Analogous

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



004A76



3E4172



5E3762

Triad

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



3E4172



69391E



005140

Complementary

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



3E4172



726F3E

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.



214F27



3E4172



574212

Square

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



3E4172



723133



404A16



005158

Rectangle

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



3E4172



6B3253



404A16



005137

Sweetspot

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



3E4172



7F8094



3E726F



3D3E4A



C9C9C9



4A4A4A

Same Dimension

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



3E4172



434794



553E72



323338



000778



000EF7

Inverse Universe

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



723E41



944347



5B723E



383233



780007



F7000E

Previews

White Background



This preview shows how the Hex color 3E4172 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 ✓ Pass

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

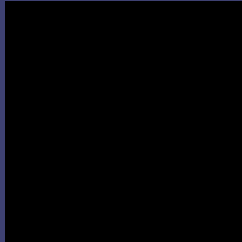
Any Text WCAG AA × Fail

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 3E4172 Background



This preview shows how black text looks on a background with the Hex color 3E4172.



This preview shows how white text looks on a background with the Hex color 3E4172.

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

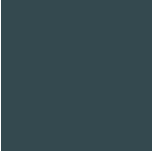
3E4172

Protanopia

314475

Deuteranopia

2B4671



Tritanopia
34494F

Trichromacy



Original Color
3E4172

Protanomaly
364374

Deuteranomaly
324471

Tritanomaly
38465C

Monochromacy



Original Color
3E4172

Achromatopsia
464646

Achromatomaly
434456

CSS Examples

Text

The CSS property to change the color of the text to Hex 3E4172 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 #3E4172 looks like.

```
.text, #text, p{  
    color:#3E4172  
}
```

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 #3E4172 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3E4172
}
```

Border

The CSS property to change the border of an element to Hex 3E4172 is called "border". The border property can be set on classes, ids or directly on the HTML element.

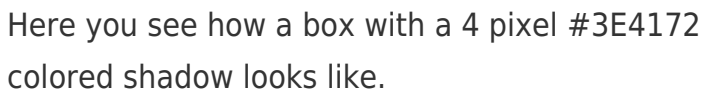
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#3E4172 }
```

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

```
.border{ border-color:#3E4172 }
```

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



Here you see how a box with a 4 pixel #3E4172 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3E4172; -webkit-box-shadow:4px 4px  
4px 4px #3E4172; box-shadow:4px 4px 4px  
4px #3E4172 }
```

Background

The CSS property to change the background color of an element to Hex 3E4172 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3E4172 }
```

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

```
.background{ background-color:#3E4172 }
```

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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