

Converting Colors

Hex(3A3D4E)

Have a look what the booklet for
Hex(3A3D4E) contains.

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Color

Hex(3A3D4E)

Conversions

Conversions Part 1

Format	Color
Hex	3A3D4E
RGB	58, 61, 78
RGB Percent	23%, 24%, 31%
CMY	0.7725, 0.7608, 0.6941
CMYK	0.26, 0.22, 0.00, 0.69
HSL	231°, 15%, 27%
HSV	231°, 26%, 31%
XYZ	4.7888, 4.7871, 7.8793
YIQ	62.0410, -7.2450, 4.6510

Conversions

Conversions Part 2

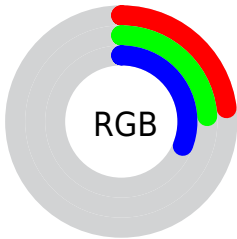
Format	Color
R_{YB}	58, 61, 78
Decimal	3816782
CIE Lab	26.12, 3.12, -10.72
CIE LCh	26, 11.170, 286.234
Yxy	4.7871, 0.2743, 0.2742
Android (android.graphics.Color)	4282006862 (0xFF3A3D4E)
YUV	62.0410, 7.8678, -3.5440
Hunter-Lab	21.8794, 0.7799, -6.0362

Details

The Hex color **3A3D4E** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **4E4B3A**, and the grayscale version is **3E3E3E**.

A 20% lighter version of the original color is **696C7F**, and **101322** is the 20% darker color. If you saturate the color by 10%, you get **32364E**, and if you desaturate by 10%, it is **42444E**.

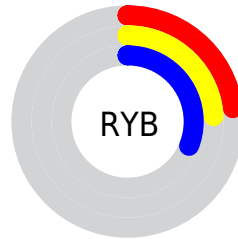
Distribution



Red (23%)

Green (24%)

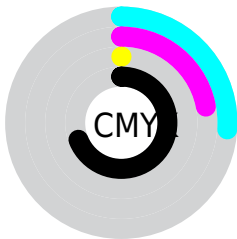
Blue (31%)



Red (23%)

Yellow (24%)

Blue (31%)

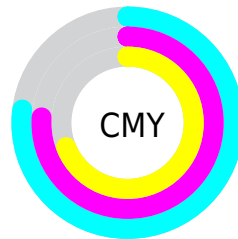


Cyan (26%)

Magenta (22%)

Yellow (0%)

Black (69%)



Cyan (77%)

Magenta (76%)

Yellow (69%)

Brightness & Saturation Gradients

These gradients show how the Hex color 3A3D4E 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 3A3D4E by changing the saturation by 10% instead.

■ 3A3D4E

■ 3A3D4E

FFFFFF

■ 242737

■ 696C7F

■ 101322

■ 838699

■ 00000A

■ 9DA0B4

■ 000000

■ B8BBCF

■ D4D6EC

■ F0F3FF

■ 3A3D4E

■ 3A3D4E

■ 32364E

■ 42444E

■ 2A304E

■ 4A4A4E

■ 23294E

■ 51514E

■ 1B224E

■ 59584E

■ 131C4E

■ 615E4E

■ 0B154E

■ 69654E

■ 030F4E

■ 716B4E

■ 000C4E

■ 78724E

■ 80794E

Harmonies

Analogous

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



2F404E



3A3D4E



453A4A

Triad

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



3A3D4E



4E3932



2D4239

Complementary

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



3A3D4E



4E4B3A

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.



364132



3A3D4E



483C2E

Square

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



3A3D4E



4F3839



3F3F2D



264342

Rectangle

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



3A3D4E



4A3945



3F3F2D



2F4237

Sweetspot

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



3A3D4E



5E5F66



3A4E4B



2E2F33



B3B3B3



333333

Same Dimension

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



3A3D4E



464B66



413A4E



222326



000F66



0022E6

Inverse Universe

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



4E3A3D



66464B



474E3A



262223



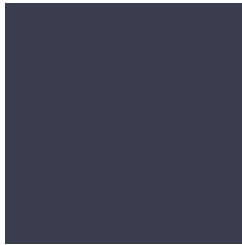
66000F



E60022

Previews

White Background



This preview shows how the Hex color 3A3D4E looks on a white background.

Color Contrast Check

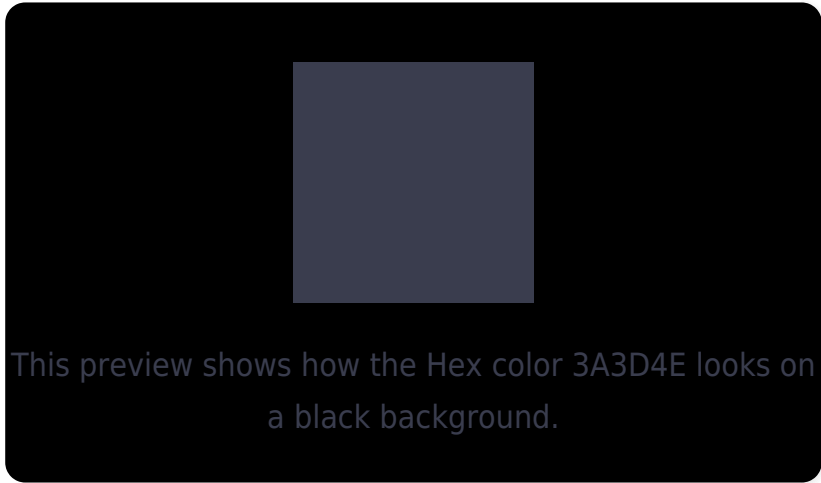
Large Text (above 18pt) WCAG AA ✓ Pass

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

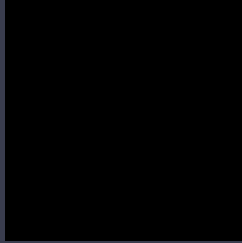
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

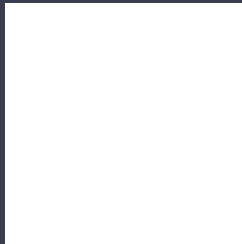
Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Hex 3A3D4E Background



This preview shows how black text looks on a background with the Hex color 3A3D4E.

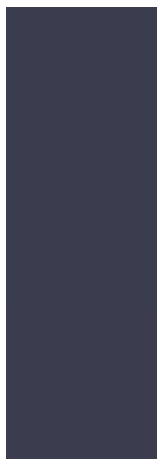


This preview shows how white text looks on a background with the Hex color 3A3D4E.

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

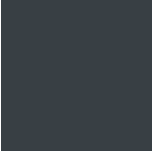
3A3D4E

Protanopia

3A3D4E

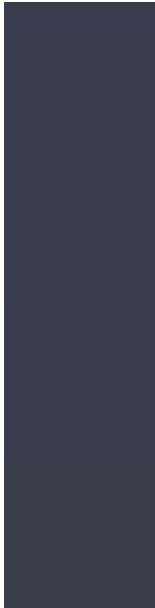
Deuteranopia

3B3D4E



Tritanopia
383F44

Trichromacy



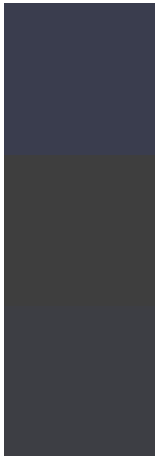
Original Color
3A3D4E

Protanomaly
3A3D4E

Deuteranomaly
3B3D4E

Tritanomaly
393E48

Monochromacy



Original Color
3A3D4E

Achromatopsia
3E3E3E

Achromatomaly
3D3E44

CSS Examples

Text

The CSS property to change the color of the text to Hex 3A3D4E 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 #3A3D4E looks like.

```
.text, #text, p{  
    color:#3A3D4E  
}
```

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 #3A3D4E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3A3D4E
}
```

Border

The CSS property to change the border of an element to Hex 3A3D4E is called "border". The border property can be set on classes, ids or directly on the HTML element.

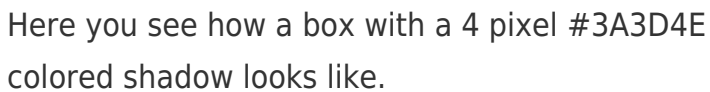
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#3A3D4E }
```

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

```
.border{ border-color:#3A3D4E }
```

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



Here you see how a box with a 4 pixel #3A3D4E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3A3D4E; -webkit-box-shadow:4px 4px  
4px 4px #3A3D4E; box-shadow:4px 4px 4px  
4px #3A3D4E }
```

Background

The CSS property to change the background color of an element to Hex 3A3D4E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3A3D4E }
```

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

```
.background{ background-color:#3A3D4E }
```

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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