

# Converting Colors

Hex(6E3A40)

Have a look what the booklet for  
Hex(6E3A40) contains.

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# Color

**Hex(6E3A40)**

# Conversions

## Conversions Part 1

Format	Color
Hex	6E3A40
RGB	110, 58, 64
RGB Percent	43%, 23%, 25%
CMY	0.5686, 0.7725, 0.7490
CMYK	0.00, 0.47, 0.42, 0.57
HSL	353°, 31%, 33%
HSV	353°, 47%, 43%
XYZ	8.8689, 6.7113, 5.6785
YIQ	74.2320, 29.0660, 12.8900

# Conversions

## Conversions Part 2

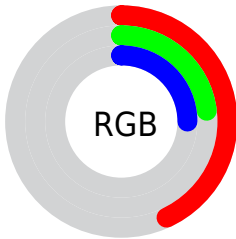
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	<a href="#">110, 58, 64</a>
Decimal	<a href="#">7223872</a>
CIELab	<a href="#">31.14, 23.59, 6.55</a>
CIELCh	<a href="#">31, 24.487, 15.524</a>
Yxy	<a href="#">6.7113, 0.4172, 0.3157</a>
Android (android.graphics.Color)	<a href="#">4285413952</a> ( <a href="#">0xFF6E3A40</a> )
YUV	<a href="#">74.2320, -5.0444, 31.3685</a>
Hunter-Lab	<a href="#">25.9061, 15.7732, 5.1383</a>

# Details

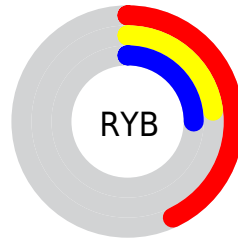
The Hex color **6E3A40** is a dark color, and the websafe version is hex **663333**. A complement of this color would be **3A6E68**, and the grayscale version is **4A4A4A**.

A 20% lighter version of the original color is **A46A70**, and **3B0D16** is the 20% darker color. If you saturate the color by 10%, you get **6E2F36**, and if you desaturate by 10%, it is **6E454A**.

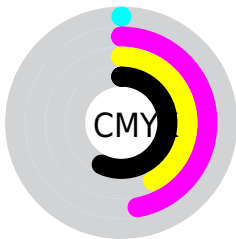
# Distribution



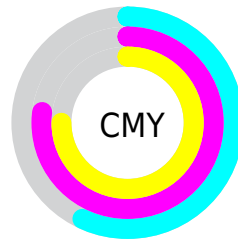
- Red (43%)
- Green (23%)
- Blue (25%)



- Red (43%)
- Yellow (23%)
- Blue (25%)



- Cyan (0%)
- Magenta (47%)
- Yellow (42%)
- Black (57%)



- Cyan (57%)
- Magenta (77%)
- Yellow (75%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 6E3A40 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 6E3A40 by changing the saturation by 10% instead.



6E3A40

6E3A40

FFFFFF

54232A

A46A70

3B0D16

BF8489

270000

DC9EA3

000000

F9B9BE

FFD5DA

FFF2F7

6E3A40

6E3A40

6E2F36

6E454A

 6E242D

 6E5053

 6E1923

 6E5B5D

 6E0E19

 6E6667

 6E030F

 6E7171

 6E000D

 6E7C7A

 6E8784

 6E928E

 6E9D98

# Harmonies

## Analogous

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



683B53



6E3A40



6A3E2F

# Triad

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



6E3A40



36502E



144E6E

# Complementary

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



6E3A40



3A6E68

# 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.



005264



6E3A40



1A533F

# Square

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



6E3A40



4B4B23



005353



3D486E

# Rectangle

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



6E3A40



624327



005353



004F6C



# Sweetspot

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



6E3A40



8F7B7D



683A6E



473B3D



C7C7C7



474747



# Same Dimension

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



6E3A40



8F3D47



6E4E3A



383233



78000E



F7001D



# Inverse Universe

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



6E3A40



8F3D47



3A5A6E



383233



78000E

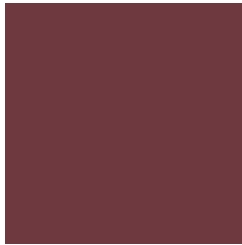


F7001D



# Previews

## White Background



This preview shows how the Hex color 6E3A40 looks on a white background.

## Color Contrast Check

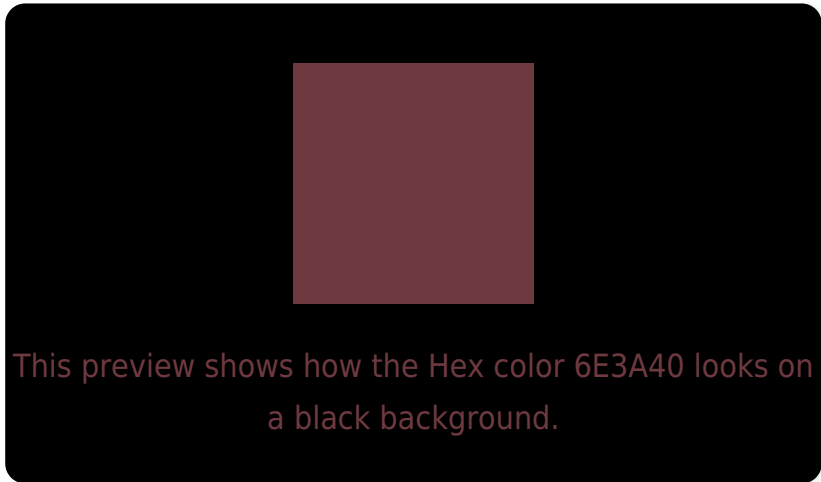
Large Text (above 18pt) WCAG AA ✓ Pass

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 6E3A40 Background



This preview shows how black text looks on a background with the Hex color 6E3A40.



This preview shows how white text looks on a background with the Hex color 6E3A40.

# 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**  
6E3A40

**Protanopia**  
4C4A48

**Deuteranopia**  
55473E



**Tritanopia**  
6E3A3E

# Trichromacy



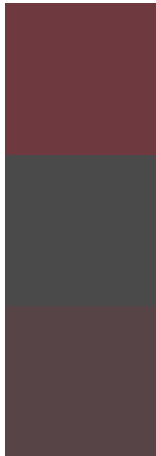
**Original Color**  
6E3A40

**Protanomaly**  
584445

**Deuteranomaly**  
5E423F

**Tritanomaly**  
6E3A3F

# Monochromacy



**Original Color**  
6E3A40

**Achromatopsia**  
4A4A4A

**Achromatomaly**  
574446

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 6E3A40 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 #6E3A40 looks like.

```
.text, #text, p{  
    color:#6E3A40  
}
```

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 #6E3A40 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6E3A40
}
```

## Border

The CSS property to change the border of an element to Hex 6E3A40 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".

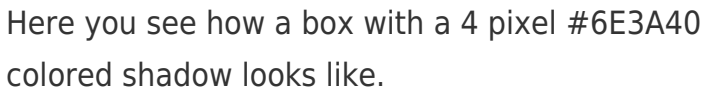
```
.border, #border, table{ border:4px solid
#6E3A40 }
```

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

```
.border{ border-color:#6E3A40 }
```

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

Here you see how a box with a 4 pixel #6E3A40 colored shadow looks like.

A rectangular box with a dark red border and a dark red shadow. The shadow is cast to the right and bottom of the box, creating a 3D effect. The text inside the box is black and reads: "Here you see how a box with a 4 pixel #6E3A40 colored shadow looks like."

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6E3A40; -webkit-box-shadow:4px 4px  
4px 4px #6E3A40; box-shadow:4px 4px 4px  
4px #6E3A40 }
```

# Background

The CSS property to change the background color of an element to Hex 6E3A40 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6E3A40 }
```

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

```
.background{ background-color:#6E3A40 }
```

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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