

Converting Colors

Hex(3E2F6D)

Have a look what the booklet for
Hex(3E2F6D) contains.

Hex(3E2F6D)	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(3E2F6D)

Conversions

Conversions Part 1

Format	Color
Hex	3E2F6D
RGB	62, 47, 109
RGB Percent	24%, 18%, 43%
CMY	0.7569, 0.8157, 0.5725
CMYK	0.43, 0.57, 0.00, 0.57
HSL	255°, 40%, 31%
HSV	255°, 57%, 43%
XYZ	5.7634, 4.1613, 14.9674
YIQ	58.5530, -10.9620, 22.4620

Conversions

Conversions Part 2

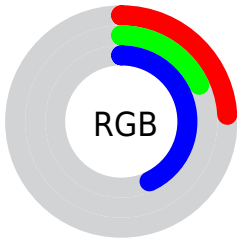
Format	Color
RYB	62, 47, 109
Decimal	4075373
CIELab	24.20, 23.17, -33.91
CIELCh	24, 41.071, 304.341
Yxy	4.1613, 0.2315, 0.1672
Android (android.graphics.Color)	4282265453 (0xFF3E2F6D)
YUV	58.5530, 24.8704, 3.0230
Hunter-Lab	20.3992, 14.7333, -29.2231

Details

The Hex color **3E2F6D** is a dark color, and the websafe version is hex **333366**. A complement of this color would be **5E6D2F**, and the grayscale version is **3A3A3A**.

A 20% lighter version of the original color is **715DA1**, and **0C023D** is the 20% darker color. If you saturate the color by 10%, you get **36246D**, and if you desaturate by 10%, it is **463A6D**.

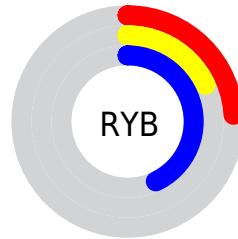
Distribution



Red (24%)

Green (18%)

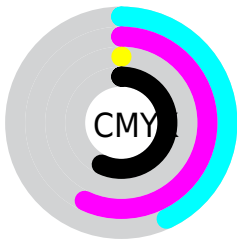
Blue (43%)



Red (24%)

Yellow (18%)

Blue (43%)

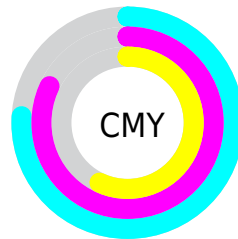


Cyan (43%)

Magenta (57%)

Yellow (0%)

Black (57%)



Cyan (76%)

Magenta (82%)

Yellow (57%)

Brightness & Saturation Gradients

These gradients show how the Hex color 3E2F6D 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 3E2F6D by changing the saturation by 10% instead.



3E2F6D



3E2F6D

FFFFFF



251A54



715DA1



0C023D



8B76BC



000326



A690D8



00010F



C2ABF5



000000



DEC6FF



FBE2FF



3E2F6D



3E2F6D



36246D



463A6D

■ 2D196D

■ 4F456D

■ 250E6D

■ 57506D

■ 1D036D

■ 5F5B6D

■ 1A006D

■ 67666D

■ 70706D

■ 787B6D

■ 80866D

■ 88916D

Harmonies

Analogous

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



003C78



3E2F6D



611E55

Triad

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



3E2F6D



5C2E00



00473D

Complementary

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



3E2F6D



5E6D2F

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.



00451D



3E2F6D



443A00

Square

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



3E2F6D



6C1E18



234100



00475C

Rectangle

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



3E2F6D



6C1641



234100



004732

Sweetspot

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



3E2F6D



7C778F



2F5F6D



3D3947



C7C7C7



474747

Same Dimension

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



3E2F6D



452E8F



5C2F6D



313036



1C0075



3B00F5

Inverse Universe

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



6D2F5E



8F2E77



406D2F



363034



750059



F500BA

Previews

White Background



This preview shows how the Hex color 3E2F6D 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

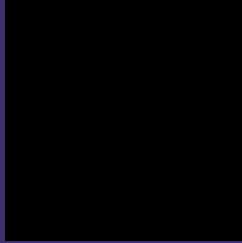
Any Text WCAG AA × Fail

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 3E2F6D Background



This preview shows how black text looks on a background with the Hex color 3E2F6D.



This preview shows how white text looks on a background with the Hex color 3E2F6D.

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](#).

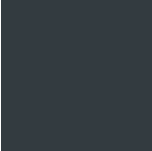
Dichromacy



Original Color
3E2F6D

Protanopia
043876

Deuteranopia
003B68



Tritanopia
333B40

Trichromacy



Original Color
3E2F6D

Protanomaly
193573

Deuteranomaly
17376A

Tritanomaly
373750

Monochromacy



Original Color
3E2F6D

Achromatopsia
3B3B3B

Achromatomaly
3C374D

CSS Examples

Text

The CSS property to change the color of the text to Hex 3E2F6D 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 #3E2F6D looks like.

```
.text, #text, p{  
    color:#3E2F6D  
}
```

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 #3E2F6D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3E2F6D
}
```

Border

The CSS property to change the border of an element to Hex 3E2F6D 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
#3E2F6D }
```

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

```
.border{ border-color:#3E2F6D }
```

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

Here you see how a box with a 4 pixel #3E2F6D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3E2F6D; -webkit-box-shadow:4px 4px  
4px 4px #3E2F6D; box-shadow:4px 4px 4px  
4px #3E2F6D }
```

Background

The CSS property to change the background color of an element to Hex 3E2F6D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3E2F6D }
```

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

```
.background{ background-color:#3E2F6D }
```

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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