

# Converting Colors

Hex(3E328F)

Have a look what the booklet for  
Hex(3E328F) contains.

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# Color

Hex(3E328F)

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	3E328F
RGB	62, 50, 143
RGB Percent	24%, 20%, 56%
CMY	0.7569, 0.8039, 0.4392
CMYK	0.57, 0.65, 0.00, 0.44
HSL	248°, 48%, 38%
HSV	248°, 65%, 56%
XYZ	8.0851, 5.2885, 26.5813
YIQ	64.1900, -22.7010, 31.4670

# Conversions

## Conversions Part 2

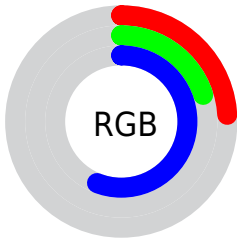
<b>Format</b>	<b>Color</b>
<b>RYB</b>	62, 50, 143
Decimal	4076175
CIELab	27.54, 32.22, -49.93
CIELCh	28, 59.419, 302.835
Yxy	5.2885, 0.2024, 0.1324
Android (android.graphics.Color)	4282266255 (0xFF3E328F)
YUV	64.1900, 38.8533, -1.9206
Hunter-Lab	22.9968, 22.5122, -52.4338

# Details

The Hex color **3E328F** is a dark color, and the websafe version is hex **333399**. A complement of this color would be **838F32**, and the grayscale version is **404040**.

A 20% lighter version of the original color is **7561C6**, and **00075C** is the 20% darker color. If you saturate the color by 10%, you get **32248F**, and if you desaturate by 10%, it is **4A408F**.

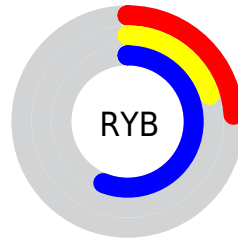
# Distribution



 Red (24%)

 Green (20%)

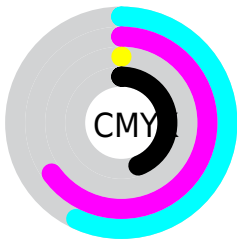
 Blue (56%)





 Red (24%)

 Yellow (20%)

 Blue (56%)

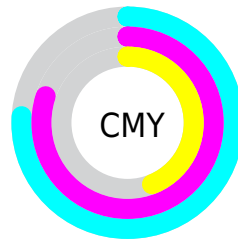


 Cyan (57%)

 Magenta (65%)

 Yellow (0%)

 Black (44%)



 Cyan (76%)

 Magenta (80%)

 Yellow (44%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 3E328F 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 3E328F by changing the saturation by 10% instead.



■ 3E328F

■ 3E328F

FFFFFF

■ 201C75

■ 7561C6

■ 00075C

■ 917AE2

■ 000043

■ AD94FF

■ 00032C

■ CAAFFF

■ 000116

■ E7CBFF

■ 000000

■ FFE7FF

■ 3E328F

■ 3E328F

■ 32248F

■ 4A408F

■ 25158F

■ 574F8F

■ 19078F

■ 635D8F

■ 12008F

■ 706B8F

■ 7C7A8F

■ 89888F

■ 95968F

■ A2A48F

■ AEB38F

# Harmonies

## Analogous

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



00469E



3E328F



78096C

# Triad

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



3E328F



702D00



005344

# Complementary

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



3E328F



838F32

# 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.



005112



3E328F



4D4100

# Square

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



3E328F



870312



1B4C00



005372

# Rectangle

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



3E328F



89004E



1B4C00



005234



# Sweetspot

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



3E328F



9A95BA



32848F



4B485E



DEDEDE



5E5E5E



# Same Dimension

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



3E328F



3C29BA



6B328F



414047



110087



010008



# Inverse Universe

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



8F3283



BA29A7



568F32



474046



870076



080007



# Previews

## White Background



This preview shows how the Hex color 3E328F 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

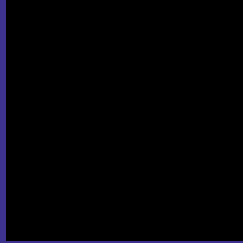
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 3E328F Background



This preview shows how black text looks on a background with the Hex color 3E328F.

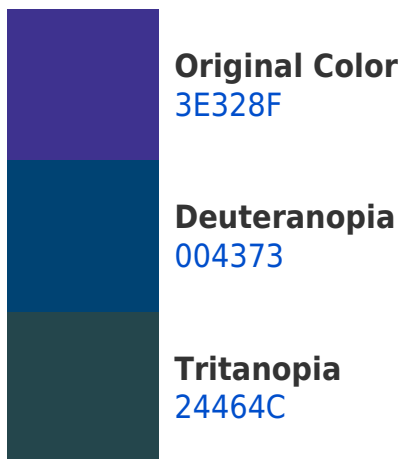


This preview shows how white text looks on a background with the Hex color 3E328F.

# 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



# Trichromacy

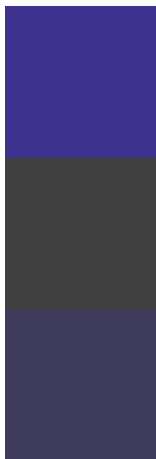


**Original Color**  
3E328F

**Deuteranomaly**  
173D7D

**Tritanomaly**  
2D3F64

# Monochromacy



**Original Color**  
3E328F

**Achromatopsia**  
404040

**Achromatomaly**  
3F3B5D

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 3E328F 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 #3E328F looks like.

```
.text, #text, p{  
    color:#3E328F  
}
```

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 #3E328F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3E328F
}
```

## Border

The CSS property to change the border of an element to Hex 3E328F 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
#3E328F }
```

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

```
.border{ border-color:#3E328F }
```

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

Here you see how a box with a 4 pixel #3E328F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3E328F; -webkit-box-shadow:4px 4px  
4px 4px #3E328F; box-shadow:4px 4px 4px  
4px #3E328F }
```

# Background

The CSS property to change the background color of an element to Hex 3E328F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3E328F }
```

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

```
.background{ background-color:#3E328F }
```

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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