

# Converting Colors

Hex(3E109C)

Have a look what the booklet for  
Hex(3E109C) contains.

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# Color

**Hex(3E109C)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	3E109C
RGB	62, 16, 156
RGB Percent	24%, 6%, 61%
CMY	0.7569, 0.9373, 0.3882
CMYK	0.60, 0.90, 0.00, 0.39
HSL	260°, 81%, 34%
HSV	260°, 90%, 61%
XYZ	8.1726, 3.7950, 31.7543
YIQ	45.7140, -17.5240, 53.2920

# Conversions

## Conversions Part 2

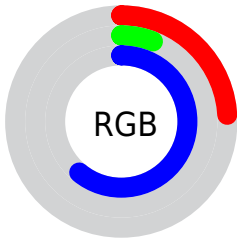
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	62, 16, 156
Decimal	4067484
CIE Lab	22.98, 52.66, -65.42
CIE LCh	23, 83.983, 308.833
Yxy	3.7950, 0.1869, 0.0868
Android (android.graphics.Color)	4282257564 (0xFF3E109C)
YUV	45.7140, 54.3710, 14.2828
Hunter-Lab	19.4808, 40.7935, -83.0078




# Details

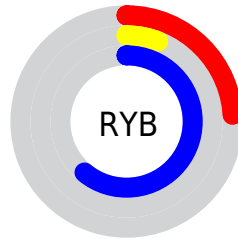
The Hex color **3E109C** is a dark color, and the websafe version is hex **330099**. A complement of this color would be **6E9C10**, and the grayscale version is **2D2D2D**.




A 20% lighter version of the original color is **7A45D4**, and **000067** is the 20% darker color. If you saturate the color by 10%, you get **34009C**, and if you desaturate by 10%, it is **48209C**.

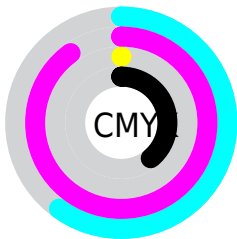
# Distribution







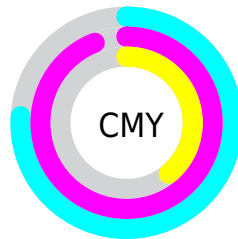
-  Red (24%)
-  Green (6%)
-  Blue (61%)






-  Red (24%)
-  Yellow (6%)
-  Blue (61%)



-  Cyan (60%)
-  Magenta (90%)
-  Yellow (0%)
-  Black (39%)



-  Cyan (76%)
-  Magenta (94%)
-  Yellow (39%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 3E109C 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 3E109C by changing the saturation by 10% instead.



■ 3E109C

■ 3E109C

FFFFFF

■ 190081

■ 7A45D4

■ 000067

■ 975FF1

■ 00004E

■ B479FF

■ 000536

■ D194FF

■ 000220

■ EFAFFF

■ 000004

■ FFCBFF

■ 000000

■ FFE8FF

■ 3E109C

■ 3E109C

■ 34009C

■ 48209C

■ 33009C

■ 532F9C

■ 5D3F9C

■ 684E9C

■ 725E9C

■ 7D6E9C

■ 877D9C

■ 928D9C

■ 9C9C9C

# Harmonies

## Analogous

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



003DB8



3E109C



880066

# Triad

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



3E109C



661F00



004B49

# Complementary

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



3E109C



6E9C10

# 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.



004900



3E109C



333B00

# Square

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



3E109C



8A0000



004500



004C87

# Rectangle

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



3E109C



98003D



004500



004A33



# Sweetspot

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



3E109C



A795CC



10709C



504566



E6E6E6



666666



# Same Dimension

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



3E109C



4300CC



82109C



4A474F



2F008F



05000F



# Inverse Universe

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



9C106E



CC0089



2A9C10



4F474C



8F0060

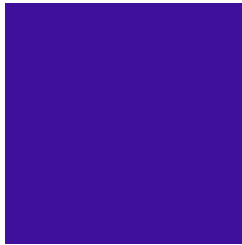


0F000A



# Previews

## White Background



This preview shows how the Hex color 3E109C 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

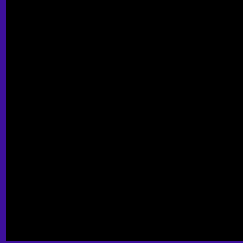
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 3E109C Background



This preview shows how black text looks on a background with the Hex color 3E109C.



This preview shows how white text looks on a background with the Hex color 3E109C.

# 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](#).

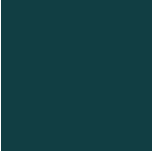
## Dichromacy



**Original Color**  
3E109C

**Protanopia**  
003672

**Deuteranopia**  
003A61



**Tritanopia**  
113E43

# Trichromacy



**Original Color**  
3E109C

**Protanomaly**  
172881

**Deuteranomaly**  
172B76

**Tritanomaly**  
212D63

# Monochromacy



**Original Color**  
3E109C

**Achromatopsia**  
2E2E2E

**Achromatomaly**  
342356

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 3E109C 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 #3E109C looks like.

```
.text, #text, p{  
    color:#3E109C  
}
```

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 #3E109C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3E109C
}
```

## Border

The CSS property to change the border of an element to Hex 3E109C 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
#3E109C }
```

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

```
.border{ border-color:#3E109C }
```

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

Here you see how a box with a 4 pixel #3E109C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3E109C; -webkit-box-shadow:4px 4px  
4px 4px #3E109C; box-shadow:4px 4px 4px  
4px #3E109C }
```

# Background

The CSS property to change the background color of an element to Hex 3E109C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3E109C }
```

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

```
.background{ background-color:#3E109C }
```

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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