

Converting Colors

Hex(3E1D8A)

Have a look what the booklet for
Hex(3E1D8A) contains.

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Color

Hex(3E1D8A)

Conversions

Conversions Part 1

Format	Color
Hex	3E1D8A
RGB	62, 29, 138
RGB Percent	24%, 11%, 54%
CMY	0.7569, 0.8863, 0.4588
CMYK	0.55, 0.79, 0.00, 0.46
HSL	258°, 65%, 33%
HSV	258°, 79%, 54%
XYZ	7.0134, 3.7378, 24.3966
YIQ	51.2930, -15.3210, 40.8950

Conversions

Conversions Part 2

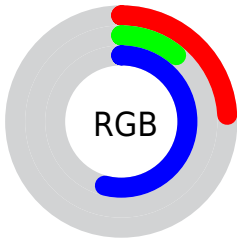
Format	Color
R_{YB}	62, 29, 138
Decimal	4070794
CIE _{Lab}	22.79, 42.54, -54.60
CIE _{LCh}	23, 69.219, 307.921
Yxy	3.7378, 0.1995, 0.1063
Android (android.graphics.Color)	4282260874 (0xFF3E1D8A)
YUV	51.2930, 42.7466, 9.3900
Hunter-Lab	19.3335, 30.9190, -61.2835

Details

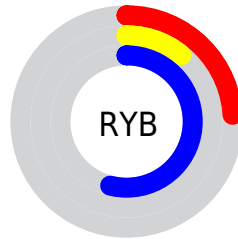
The Hex color **3E1D8A** is a dark color, and the websafe version is hex **333399**. A complement of this color would be **698A1D**, and the grayscale version is **333333**.

A 20% lighter version of the original color is **764DC0**, and **000057** is the 20% darker color. If you saturate the color by 10%, you get **340F8A**, and if you desaturate by 10%, it is **482B8A**.

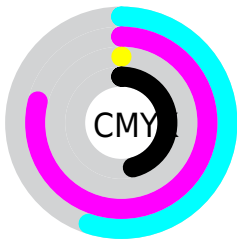
Distribution



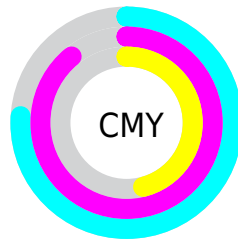
- Red (24%)
- Green (11%)
- Blue (54%)



- Red (24%)
- Yellow (11%)
- Blue (54%)



- Cyan (55%)
- Magenta (79%)
- Yellow (0%)
- Black (46%)



- Cyan (76%)
- Magenta (89%)
- Yellow (46%)

Brightness & Saturation Gradients

These gradients show how the Hex color 3E1D8A 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 3E1D8A by changing the saturation by 10% instead.

■ 3E1D8A

■ 3E1D8A

FFFFFF

■ 1F0370

■ 764DC0

■ 000057

■ 9266DD

■ 00003F

■ AE80FA

■ 000328

■ CB9AFF

■ 000111

■ E8B6FF

■ 000000

■ FFD2FF

■ FFEEFF

■ 3E1D8A

■ 3E1D8A

■ 340F8A

■ 482B8A

■ 2B018A

■ 51398A

■ 2A008A

■ 5B468A

■ 64548A

■ 6E628A

■ 78708A

■ 817E8A

■ 8B8B8A

■ 95998A

Harmonies

Analogous

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



003BA0



3E1D8A



7A005E

Triad

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



3E1D8A



612300



004843

Complementary

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



3E1D8A



698A1D

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.



004709



3E1D8A



383900

Square

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



3E1D8A



7F0000



004300



004976

Rectangle

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



3E1D8A



88003D



004300



004831

Sweetspot

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



3E1D8A



9588B3



1D698A



473F59



D9D9D9



595959

Same Dimension

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



3E1D8A



3C09B3



741D8A



403E45



280085



020005

Inverse Universe

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



8A1D69



B3097F



338A1D



453E43



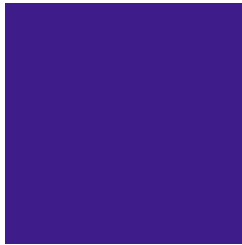
85005C



050004

Previews

White Background



This preview shows how the Hex color 3E1D8A looks on a white background.

Color Contrast Check

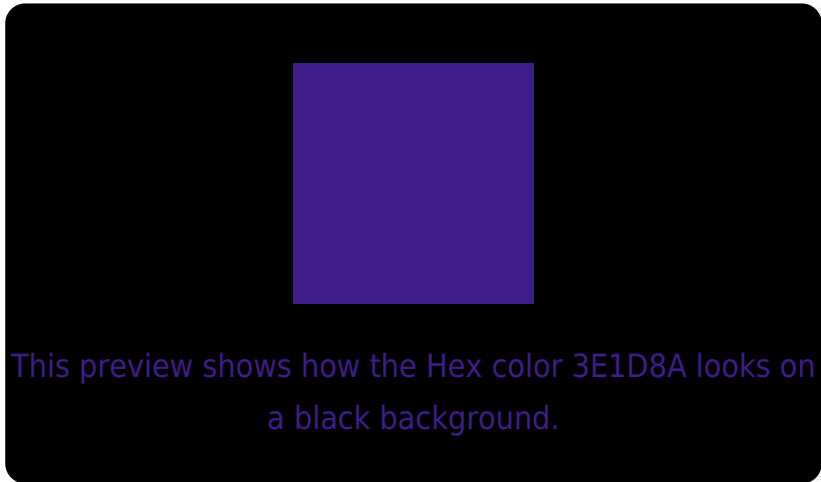
Large Text (above 18pt) WCAG AA ✓ Pass

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

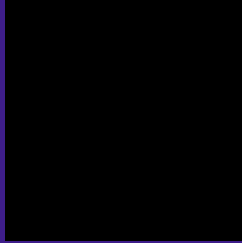
Any Text WCAG AA × Fail

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 3E1D8A Background



This preview shows how black text looks on a background with the Hex color 3E1D8A.



This preview shows how white text looks on a background with the Hex color 3E1D8A.

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
3E1D8A

Protanopia
003570

Deuteranopia
003960



Tritanopia
243B3F

Trichromacy



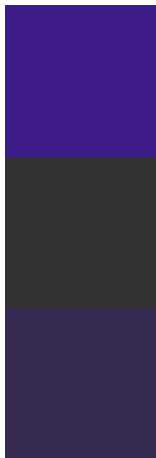
Original Color
3E1D8A

Protanomaly
172C79

Deuteranomaly
172F6F

Tritanomaly
2D305A

Monochromacy



Original Color
3E1D8A

Achromatopsia
333333

Achromatomaly
372B53

CSS Examples

Text

The CSS property to change the color of the text to Hex 3E1D8A 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 #3E1D8A looks like.

```
.text, #text, p{  
    color:#3E1D8A  
}
```

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 #3E1D8A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3E1D8A
}
```

Border

The CSS property to change the border of an element to Hex 3E1D8A is called "border". The border property can be set on classes, ids or directly on the HTML element.

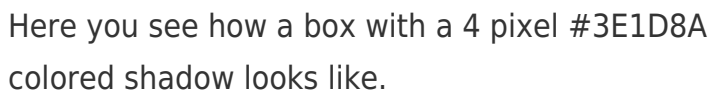
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#3E1D8A }
```

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

```
.border{ border-color:#3E1D8A }
```

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



Here you see how a box with a 4 pixel #3E1D8A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3E1D8A; -webkit-box-shadow:4px 4px  
4px 4px #3E1D8A; box-shadow:4px 4px 4px  
4px #3E1D8A }
```

Background

The CSS property to change the background color of an element to Hex 3E1D8A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3E1D8A }
```

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

```
.background{ background-color:#3E1D8A }
```

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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