

Converting Colors

Hex(3E1E96)

Have a look what the booklet for
Hex(3E1E96) contains.

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Color

Hex(3E1E96)

Conversions

Conversions Part 1

Format	Color
Hex	3E1E96
RGB	62, 30, 150
RGB Percent	24%, 12%, 59%
CMY	0.7569, 0.8824, 0.4118
CMYK	0.59, 0.80, 0.00, 0.41
HSL	256°, 67%, 35%
HSV	256°, 80%, 59%
XYZ	7.9559, 4.1547, 29.2368
YIQ	53.2480, -19.4480, 44.1040

Conversions

Conversions Part 2

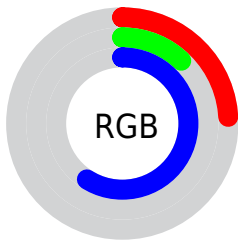
Format	Color
R_{YB}	62, 30, 150
Decimal	4071062
CIE _{Lab}	24.18, 45.55, -59.76
CIE _{LCh}	24, 75.137, 307.313
Yxy	4.1547, 0.1924, 0.1005
Android (android.graphics.Color)	4282261142 (0xFF3E1E96)
YUV	53.2480, 47.6987, 7.6755
Hunter-Lab	20.3831, 34.0017, -70.7755

Details

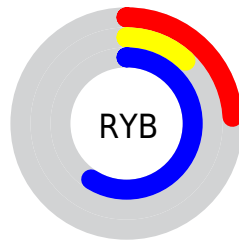
The Hex color **3E1E96** is a dark color, and the websafe version is hex **333399**. A complement of this color would be **76961E**, and the grayscale version is **353535**.

A 20% lighter version of the original color is **784FCD**, and **000062** is the 20% darker color. If you saturate the color by 10%, you get **330F96**, and if you desaturate by 10%, it is **492D96**.

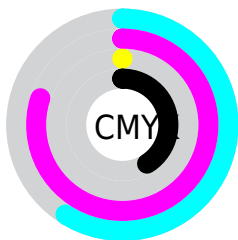
Distribution



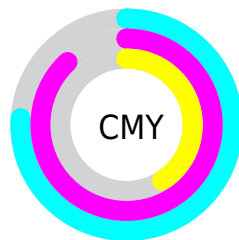
- Red (24%)
- Green (12%)
- Blue (59%)



- Red (24%)
- Yellow (12%)
- Blue (59%)



- Cyan (59%)
- Magenta (80%)
- Yellow (0%)
- Black (41%)



- Cyan (76%)
- Magenta (88%)
- Yellow (41%)

Brightness & Saturation Gradients

These gradients show how the Hex color 3E1E96 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 3E1E96 by changing the saturation by 10% instead.

■ 3E1E96

■ 3E1E96

FFFFFF

■ 1C037B

■ 784FCD

■ 000062

■ 9468EA

■ 000049

■ B182FF

■ 000431

■ CE9CFF

■ 00011C

■ ECB8FF

■ 000000

■ FFD4FF

■ FFF0FF

■ 3E1E96

■ 3E1E96

■ 330F96

■ 492D96

■ 280096

■ 543C96

■ 5F4B96

■ 6A5A96

■ 756996

■ 807896

■ 8B8796

■ 969696

■ A1A596

Harmonies

Analogous

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



003FAE



3E1E96



820066

Triad

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



3E1E96



682300



004D47

Complementary

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



3E1E96



76961E

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.



004B05



3E1E96



3B3C00

Square

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



3E1E96



880000



004700



004E7E

Rectangle

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



3E1E96



920041



004700



004C33

Sweetspot

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



3E1E96



A093C2



1E7696



4C4561



E0E0E0



616161

Same Dimension

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



3E1E96



3908C2



7A1E96



45434A



25008A



03000A

Inverse Universe

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



961E76



C20890



3A961E



4A4348



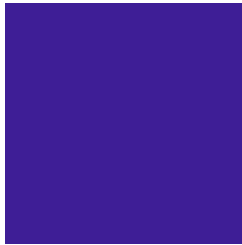
8A0065



0A0007

Previews

White Background



This preview shows how the Hex color 3E1E96 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

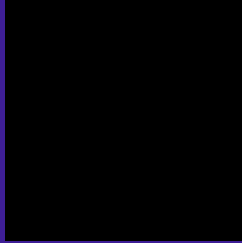
Any Text WCAG AA × Fail

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 3E1E96 Background



This preview shows how black text looks on a background with the Hex color 3E1E96.



This preview shows how white text looks on a background with the Hex color 3E1E96.

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
3E1E96

Protanopia
003876

Deuteranopia
003C65



Tritanopia
1B3F44

Trichromacy



Original Color
3E1E96

Protanomaly
172F82

Deuteranomaly
173177

Tritanomaly
283362

Monochromacy



Original Color
3E1E96

Achromatopsia
353535

Achromatomaly
382D58

CSS Examples

Text

The CSS property to change the color of the text to Hex 3E1E96 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 #3E1E96 looks like.

```
.text, #text, p{  
    color:#3E1E96  
}
```

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 #3E1E96 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3E1E96  
}
```

Border

The CSS property to change the border of an element to Hex 3E1E96 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".

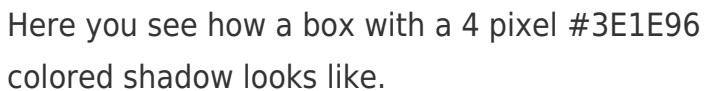
```
.border, #border, table{ border:4px solid  
#3E1E96 }
```

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

```
.border{ border-color:#3E1E96 }
```

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

Here you see how a box with a 4 pixel #3E1E96 colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3E1E96; -webkit-box-shadow:4px 4px  
4px 4px #3E1E96; box-shadow:4px 4px 4px  
4px #3E1E96 }
```

Background

The CSS property to change the background color of an element to Hex 3E1E96 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3E1E96 }
```

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

```
.background{ background-color:#3E1E96 }
```

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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