

Converting Colors

Hex(3E1A51)

Have a look what the booklet for
Hex(3E1A51) contains.

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Color

Hex(3E1A51)

Conversions

Conversions Part 1

Format	Color
Hex	3E1A51
RGB	62, 26, 81
RGB Percent	24%, 10%, 32%
CMY	0.7569, 0.8980, 0.6824
CMYK	0.23, 0.68, 0.00, 0.68
HSL	279°, 51%, 21%
HSV	279°, 68%, 32%
XYZ	3.8412, 2.3570, 8.0371
YIQ	43.0340, 3.8010, 24.7370

Conversions

Conversions Part 2

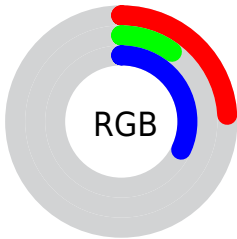
Format	Color
RYB	62, 26, 81
Decimal	4069969
CIELab	17.26, 28.23, -26.55
CIELCh	17, 38.753, 316.750
Yxy	2.3570, 0.2698, 0.1656
Android (android.graphics.Color)	4282260049 (0xFF3E1A51)
YUV	43.0340, 18.7172, 16.6332
Hunter-Lab	15.3525, 17.7938, -20.2916

Details

The Hex color **3E1A51** is a dark color, and the websafe version is hex **330033**. A complement of this color would be **2D511A**, and the grayscale version is **2B2B2B**.

A 20% lighter version of the original color is **704883**, and **0F0024** is the 20% darker color. If you saturate the color by 10%, you get **3B1251**, and if you desaturate by 10%, it is **412251**.

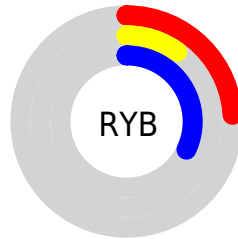
Distribution



Red (24%)

Green (10%)

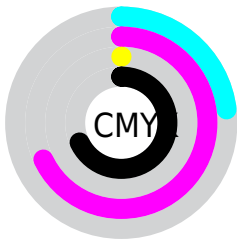
Blue (32%)



Red (24%)

Yellow (10%)

Blue (32%)

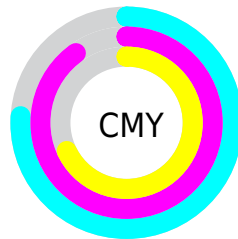


Cyan (23%)

Magenta (68%)

Yellow (0%)

Black (68%)



Cyan (76%)

Magenta (90%)

Yellow (68%)

Brightness & Saturation Gradients

These gradients show how the Hex color 3E1A51 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 3E1A51 by changing the saturation by 10% instead.

■ 3E1A51

■ 3E1A51

FFFFFF

■ 26043A

■ 704883

■ 0F0024

■ 8A609D

■ 00000B

■ A479B8

■ 000000

■ C094D4

■ DCAEF0

■ F9CAFF

■ FFE6FF

■ 3E1A51

■ 3E1A51

■ 3B1251

■ 412251

■ 380A51

■ 442A51

■ 360251

■ 463251

■ 350051

■ 493A51

■ 4C4251

■ 4F4B51

■ 525351

■ 545B51

■ 576351

Harmonies

Analogous

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



002960



3E1A51



550738

Triad

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



3E1A51



402500



00363A

Complementary

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



3E1A51



2D511A

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.



00351D



3E1A51



272E00

Square

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



3E1A51



521600



013300



003553

Rectangle

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



3E1A51



5A0225



013300



003630

Sweetspot

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



3E1A51



615469



1A2D51



312936



B5B5B5



363636

Same Dimension

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



3E1A51



4B1469



511A49



272529



440069



9800E8

Inverse Universe

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



511A2D



691431



1A5122



292526



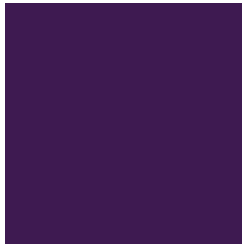
690024



E80050

Previews

White Background



This preview shows how the Hex color 3E1A51 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

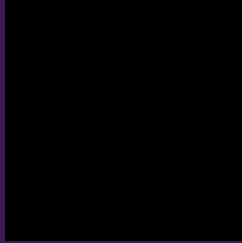
Any Text WCAG AA × Fail

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 3E1A51 Background



This preview shows how black text looks on a background with the Hex color 3E1A51.



This preview shows how white text looks on a background with the Hex color 3E1A51.

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](#).

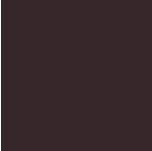
Dichromacy



Original Color
3E1A51

Protanopia
002A59

Deuteranopia
0A2C4E



Tritanopia
38272A

Trichromacy



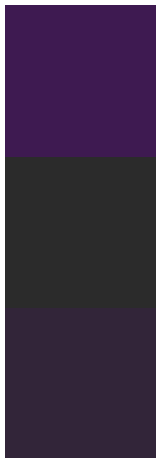
Original Color
3E1A51

Protanomaly
172456

Deuteranomaly
1D254F

Tritanomaly
3A2238

Monochromacy



Original Color
3E1A51

Achromatopsia
2B2B2B

Achromatomaly
322539

CSS Examples

Text

The CSS property to change the color of the text to Hex 3E1A51 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 #3E1A51 looks like.

```
.text, #text, p{  
    color:#3E1A51  
}
```

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 #3E1A51 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3E1A51
}
```

Border

The CSS property to change the border of an element to Hex 3E1A51 is called "border". The border property can be set on classes, ids or directly on the HTML element.

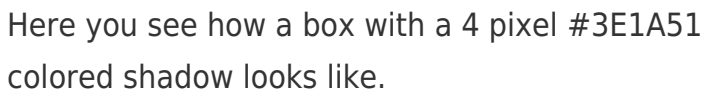
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#3E1A51 }
```

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

```
.border{ border-color:#3E1A51 }
```

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



Here you see how a box with a 4 pixel #3E1A51 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3E1A51; -webkit-box-shadow:4px 4px  
4px 4px #3E1A51; box-shadow:4px 4px 4px  
4px #3E1A51 }
```

Background

The CSS property to change the background color of an element to Hex 3E1A51 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3E1A51 }
```

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

```
.background{ background-color:#3E1A51 }
```

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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