

Converting Colors

Hex(3E1095)

Have a look what the booklet for
Hex(3E1095) contains.

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Color

Hex(3E1095)

Conversions

Conversions Part 1

Format	Color
Hex	3E1095
RGB	62, 16, 149
RGB Percent	24%, 6%, 58%
CMY	0.7569, 0.9373, 0.4157
CMYK	0.58, 0.89, 0.00, 0.42
HSL	261°, 81%, 32%
HSV	261°, 89%, 58%
XYZ	7.5967, 3.5646, 28.7214
YIQ	44.9160, -15.2770, 51.1150

Conversions

Conversions Part 2

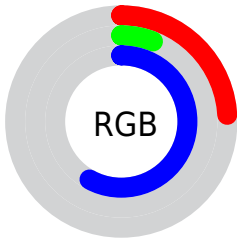
Format	Color
R_{YB}	62, 16, 149
Decimal	4067477
CIE _{Lab}	22.18, 50.82, -62.44
CIE _{LCh}	22, 80.513, 309.142
Yxy	3.5646, 0.1905, 0.0894
Android (android.graphics.Color)	4282257557 (0xFF3E1095)
YUV	44.9160, 51.3134, 14.9827
Hunter-Lab	18.8803, 38.7813, -76.9782

Details

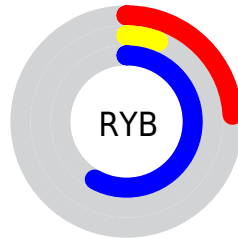
The Hex color **3E1095** is a dark color, and the websafe version is hex **330099**. A complement of this color would be **679510**, and the grayscale version is **2C2C2C**.

A 20% lighter version of the original color is **7845CC**, and **000061** is the 20% darker color. If you saturate the color by 10%, you get **340195**, and if you desaturate by 10%, it is **481F95**.

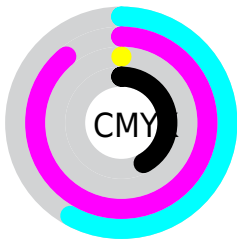
Distribution



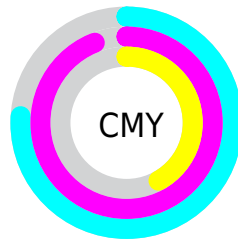
- Red (24%)
- Green (6%)
- Blue (58%)



- Red (24%)
- Yellow (6%)
- Blue (58%)



- Cyan (58%)
- Magenta (89%)
- Yellow (0%)
- Black (42%)



- Cyan (76%)
- Magenta (94%)
- Yellow (42%)

Brightness & Saturation Gradients

These gradients show how the Hex color 3E1095 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 3E1095 by changing the saturation by 10% instead.

 3E1095

 3E1095

FFFFFF

 1B007A

 7845CC

 000061

 955EE9

 000048

 B278FF

 000430

 CF93FF

 00011B

 EDAEFF

 000000

 FFCAFF

 FFE6FF

 3E1095

 3E1095

■ 340195

■ 481F95

■ 340095

■ 512E95

■ 5B3D95

■ 654C95

■ 6F5A95

■ 786995

■ 827895

■ 8C8795

■ 969695

Harmonies

Analogous

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



003BB0



3E1095



830061

Triad

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



3E1095



621F00



004947

Complementary

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



3E1095



679510

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.



004700



3E1095



323900

Square

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



3E1095



850000



004300



004A82

Rectangle

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



3E1095



92003A



004300



004832

Sweetspot

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



3E1095



A08DC2



106995



4D4261



E0E0E0



616161

Same Dimension

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



3E1095



4300C2



7F1095



45434A



30008A



04000A

Inverse Universe

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



951067



C2007F



269510



4A4347



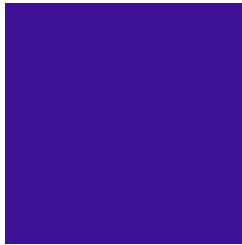
8A005A



0A0007

Previews

White Background



This preview shows how the Hex color 3E1095 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

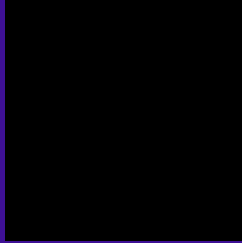
Any Text WCAG AA × Fail

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 3E1095 Background



This preview shows how black text looks on a background with the Hex color 3E1095.



This preview shows how white text looks on a background with the Hex color 3E1095.

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](#).

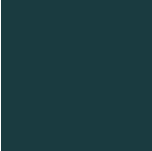
Dichromacy



Original Color
3E1095

Protanopia
00356F

Deuteranopia
00385E



Tritanopia
1A3B40

Trichromacy



Original Color
3E1095

Protanomaly
17287D

Deuteranomaly
172972

Tritanomaly
272B5F

Monochromacy



Original Color
3E1095

Achromatopsia
2D2D2D

Achromatomaly
332253

CSS Examples

Text

The CSS property to change the color of the text to Hex 3E1095 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 #3E1095 looks like.

```
.text, #text, p{  
    color:#3E1095  
}
```

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 #3E1095 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3E1095
}
```

Border

The CSS property to change the border of an element to Hex 3E1095 is called "border". The border property can be set on classes, ids or directly on the HTML element.

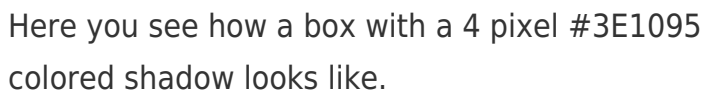
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#3E1095 }
```

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

```
.border{ border-color:#3E1095 }
```

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



Here you see how a box with a 4 pixel #3E1095 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3E1095; -webkit-box-shadow:4px 4px  
4px 4px #3E1095; box-shadow:4px 4px 4px  
4px #3E1095 }
```

Background

The CSS property to change the background color of an element to Hex 3E1095 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3E1095 }
```

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

```
.background{ background-color:#3E1095 }
```

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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