

Converting Colors

Hex(3E1289)

Have a look what the booklet for
Hex(3E1289) contains.

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Color

Hex(3E1289)

Conversions

Conversions Part 1

Format	Color
Hex	3E1289
RGB	62, 18, 137
RGB Percent	24%, 7%, 54%
CMY	0.7569, 0.9294, 0.4627
CMYK	0.55, 0.87, 0.00, 0.46
HSL	262°, 77%, 30%
HSV	262°, 87%, 54%
XYZ	6.7183, 3.2629, 23.9426
YIQ	44.7220, -11.9750, 46.3370

Conversions

Conversions Part 2

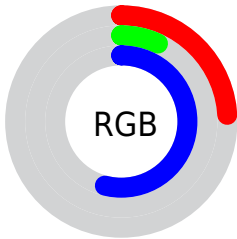
Format	Color
R_{YB}	62, 18, 137
Decimal	4067977
CIE _{Lab}	21.07, 46.96, -56.81
CIE _{LCh}	21, 73.704, 309.579
Yxy	3.2629, 0.1980, 0.0962
Android (android.graphics.Color)	4282258057 (0xFF3E1289)
YUV	44.7220, 45.4931, 15.1528
Hunter-Lab	18.0635, 34.7777, -65.9428

Details

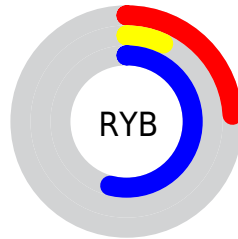
The Hex color **3E1289** is a dark color, and the websafe version is hex **330066**. A complement of this color would be **5D8912**, and the grayscale version is **2C2C2C**.

A 20% lighter version of the original color is **7645C0**, and **000056** is the 20% darker color. If you saturate the color by 10%, you get **350489**, and if you desaturate by 10%, it is **472089**.

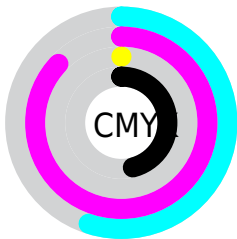
Distribution



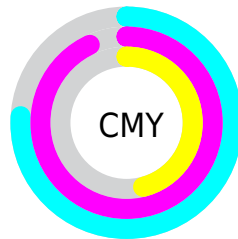
- Red (24%)
- Green (7%)
- Blue (54%)



- Red (24%)
- Yellow (7%)
- Blue (54%)



- Cyan (55%)
- Magenta (87%)
- Yellow (0%)
- Black (46%)



- Cyan (76%)
- Magenta (93%)
- Yellow (46%)

Brightness & Saturation Gradients

These gradients show how the Hex color 3E1289 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 3E1289 by changing the saturation by 10% instead.

 3E1289

 3E1289

FFFFFF

 1E006F

 7645C0

 000056

 935EDC

 00003D

 AF78F9

 000327

 CC92FF

 000110

 E9ADFF

 000000

 FFC9FF

 FFE6FF

 3E1289

 3E1289

■ 350489

■ 472089

■ 330089

■ 4F2D89

■ 583B89

■ 614989

■ 695789

■ 726489

■ 7A7289

■ 838089

■ 8C8D89

Harmonies

Analogous

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



0037A2



3E1289



7A005A

Triad

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



3E1289



5C2000



004544

Complementary

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



3E1289



5D8912

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.



004305



3E1289



2F3700

Square

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



3E1289



7C0000



004000



004679

Rectangle

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



3E1289



880036



004000



004431

Sweetspot

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



3E1289



9584B3



125D89



483E59



D9D9D9



595959

Same Dimension

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



3E1289



4200B3



791289



413E45



310085



020005

Inverse Universe

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



89125D



B30071



228912



453E42



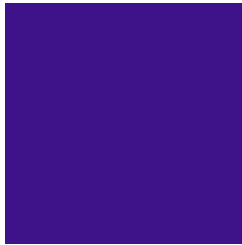
850054



050003

Previews

White Background



This preview shows how the Hex color 3E1289 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

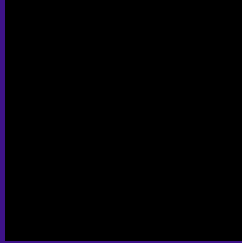
Any Text WCAG AA × Fail

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 3E1289 Background



This preview shows how black text looks on a background with the Hex color 3E1289.



This preview shows how white text looks on a background with the Hex color 3E1289.

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
3E1289

Protanopia
00326A

Deuteranopia
00365A

Trichromacy



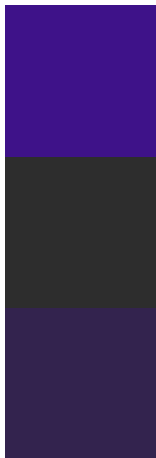
Original Color
3E1289

Protanomaly
172675

Deuteranomaly
17296B

Tritanomaly
2D2A58

Monochromacy



Original Color
3E1289

Achromatopsia
2D2D2D

Achromatomaly
33234E

CSS Examples

Text

The CSS property to change the color of the text to Hex 3E1289 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 #3E1289 looks like.

```
.text, #text, p{  
    color:#3E1289  
}
```

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 #3E1289 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3E1289
}
```

Border

The CSS property to change the border of an element to Hex 3E1289 is called "border". The border property can be set on classes, ids or directly on the HTML element.

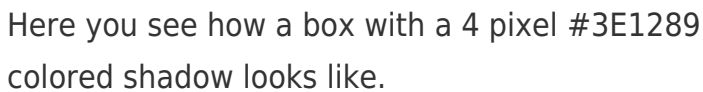
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#3E1289 }
```

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

```
.border{ border-color:#3E1289 }
```

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



Here you see how a box with a 4 pixel #3E1289 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3E1289; -webkit-box-shadow:4px 4px  
4px 4px #3E1289; box-shadow:4px 4px 4px  
4px #3E1289 }
```

Background

The CSS property to change the background color of an element to Hex 3E1289 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3E1289 }
```

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

```
.background{ background-color:#3E1289 }
```

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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