

Converting Colors

Hex(3A117D)

Have a look what the booklet for
Hex(3A117D) contains.

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Color

Hex(3A117D)

Conversions

Conversions Part 1

Format	Color
Hex	3A117D
RGB	58, 17, 125
RGB Percent	23%, 7%, 49%
CMY	0.7725, 0.9333, 0.5098
CMYK	0.54, 0.86, 0.00, 0.51
HSL	263°, 76%, 28%
HSV	263°, 86%, 49%
XYZ	5.6470, 2.7811, 19.6412
YIQ	41.5710, -10.2320, 42.2800

Conversions

Conversions Part 2

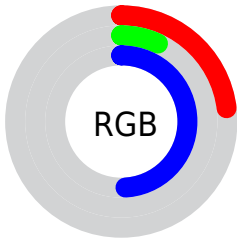
Format	Color
R _Y B	58, 17, 125
Decimal	3805565
CIE Lab	19.15, 43.62, -52.41
CIE LCh	19, 68.185, 309.767
Yxy	2.7811, 0.2012, 0.0991
Android (android.graphics.Color)	4281995645 (0xFF3A117D)
YUV	41.5710, 41.1305, 14.4082
Hunter-Lab	16.6767, 31.2595, -58.1562

Details

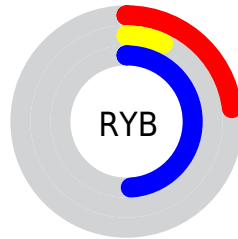
The Hex color **3A117D** is a dark color, and the websafe version is hex **330066**. A complement of this color would be **547D11**, and the grayscale version is **292929**.

A 20% lighter version of the original color is **7143B3**, and **00004B** is the 20% darker color. If you saturate the color by 10%, you get **32047D**, and if you desaturate by 10%, it is **421D7D**.

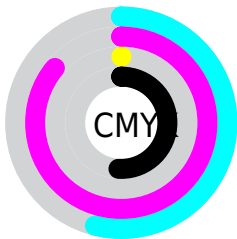
Distribution



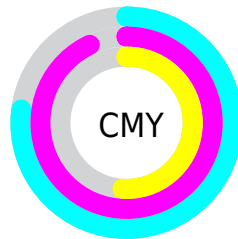
- Red (23%)
- Green (7%)
- Blue (49%)



- Red (23%)
- Yellow (7%)
- Blue (49%)



- Cyan (54%)
- Magenta (86%)
- Yellow (0%)
- Black (51%)



- Cyan (77%)
- Magenta (93%)
- Yellow (51%)

Brightness & Saturation Gradients

These gradients show how the Hex color 3A117D 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 3A117D by changing the saturation by 10% instead.

 3A117D

 3A117D

FFFFFF

 1B0063

 7143B3

 00004B

 8D5CCF

 000433

 A975EB

 00021D

 C68FFF

 000000

 E3AAFF

 FFC6FF

 FFE2FF

 3A117D

 3A117D

■ 32047D

■ 421D7D

■ 2F007D

■ 4A2A7D

■ 51367D

■ 59437D

■ 614F7D

■ 695C7D

■ 70697D

■ 78757D

■ 80827D

Harmonies

Analogous

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



003294



3A117D



700052

Triad

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



3A117D



541E00



00403E

Complementary

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



3A117D



547D11

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.



003E05



3A117D



2C3200

Square

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



3A117D



710000



003A00



00406F

Rectangle

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



3A117D



7C0031



003A00



003F2D

Sweetspot

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



3A117D



8979A3



11557D



423852



D1D1D1



525252

Same Dimension

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



3A117D



3E00A3



6F117D



3C3940



300080



000000

Inverse Universe

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



7D1154



A30065



1F7D11



40393D



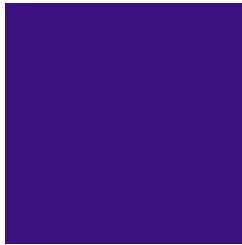
80004F



000000

Previews

White Background



This preview shows how the Hex color 3A117D looks on a white background.

Color Contrast Check

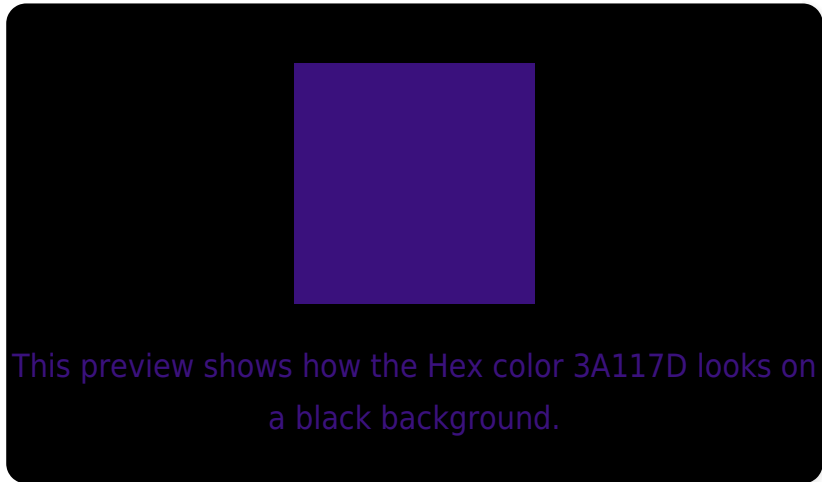
Large Text (above 18pt) WCAG AA ✓ Pass

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

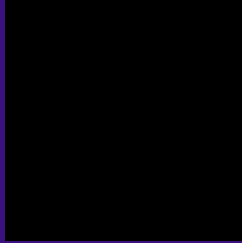
Any Text WCAG AA × Fail

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 3A117D Background



This preview shows how black text looks on a background with the Hex color 3A117D.



This preview shows how white text looks on a background with the Hex color 3A117D.

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
3A117D

Protanopia
002E61

Deuteranopia
003153



Tritanopia
233237

Trichromacy



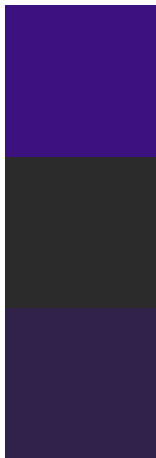
Original Color
3A117D

Protanomaly
15236B

Deuteranomaly
152562

Tritanomaly
2B2650

Monochromacy



Original Color
3A117D

Achromatopsia
2A2A2A

Achromatomaly
302148

CSS Examples

Text

The CSS property to change the color of the text to Hex 3A117D 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 #3A117D looks like.

```
.text, #text, p{  
    color:#3A117D  
}
```

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 #3A117D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3A117D
}
```

Border

The CSS property to change the border of an element to Hex 3A117D is called "border". The border property can be set on classes, ids or directly on the HTML element.

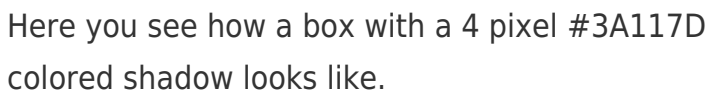
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#3A117D }
```

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

```
.border{ border-color:#3A117D }
```

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



Here you see how a box with a 4 pixel #3A117D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3A117D; -webkit-box-shadow:4px 4px  
4px 4px #3A117D; box-shadow:4px 4px 4px  
4px #3A117D }
```

Background

The CSS property to change the background color of an element to Hex 3A117D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3A117D }
```

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

```
.background{ background-color:#3A117D }
```

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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