

Converting Colors

Hex(2E117E)

Have a look what the booklet for
Hex(2E117E) contains.

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Color

Hex(2E117E)

Conversions

Conversions Part 1

Format	Color
Hex	2E117E
RGB	46, 17, 126
RGB Percent	18%, 7%, 49%
CMY	0.8196, 0.9333, 0.5059
CMYK	0.63, 0.87, 0.00, 0.51
HSL	256°, 76%, 28%
HSV	256°, 87%, 49%
XYZ	5.0931, 2.4881, 19.9505
YIQ	38.0970, -17.7050, 40.0470

Conversions

Conversions Part 2

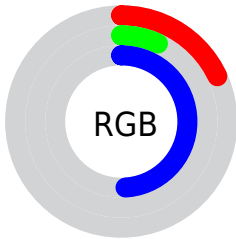
Format	Color
R_{YB}	46, 17, 126
Decimal	3019134
CIE _{Lab}	17.86, 42.53, -55.21
CIE _{LCh}	18, 69.693, 307.612
Yxy	2.4881, 0.1850, 0.0904
Android (android.graphics.Color)	4281209214 (0xFF2E117E)
YUV	38.0970, 43.3362, 6.9309
Hunter-Lab	15.7737, 30.0306, -63.9480

Details

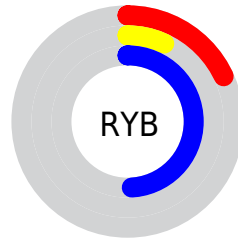
The Hex color **2E117E** is a dark color, and the websafe version is hex **000066**. A complement of this color would be **617E11**, and the grayscale version is **262626**.

A 20% lighter version of the original color is **6741B4**, and **00004C** is the 20% darker color. If you saturate the color by 10%, you get **25047E**, and if you desaturate by 10%, it is **371E7E**.

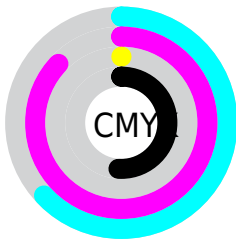
Distribution



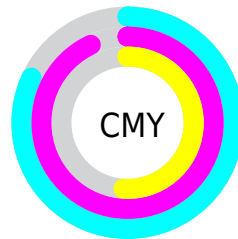
- Red (18%)
- Green (7%)
- Blue (49%)



- Red (18%)
- Yellow (7%)
- Blue (49%)



- Cyan (63%)
- Magenta (87%)
- Yellow (0%)
- Black (51%)



- Cyan (82%)
- Magenta (93%)
- Yellow (51%)

Brightness & Saturation Gradients

These gradients show how the Hex color 2E117E 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 2E117E by changing the saturation by 10% instead.

 2E117E

 2E117E

 FFFDFF

 050064

 6741B4

 00004C

 835AD0

 000434

 9F73EC

 00021E

 BC8DFF

 000000

 D9A8FF

 F7C4FF

 FFE0FF

 2E117E

 2E117E

■ 25047E

■ 371E7E

■ 22007E

■ 402A7E

■ 4A377E

■ 53437E

■ 5C507E

■ 655D7E

■ 6F697E

■ 78767E

■ 81827E

Harmonies

Analogous

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



003194



2E117E



6C0053

Triad

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



2E117E



541700



003D38

Complementary

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



2E117E



617E11

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.



003B00



2E117E



2C2E00

Square

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



2E117E



700000



003700



003D6A

Rectangle

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



2E117E



7A0032



003700



003C26

Sweetspot

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



2E117E



8479A3



11637E



3F3852



D1D1D1



525252

Same Dimension

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



2E117E



2B00A3



63117E



3B3940



220080



000000

Inverse Universe

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



7E1161



A30078



2C7E11



40393E



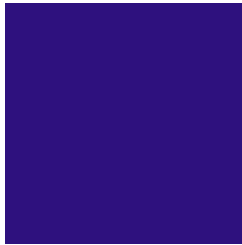
80005E



000000

Previews

White Background



This preview shows how the Hex color 2E117E 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

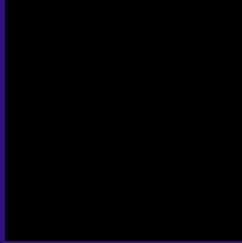
Any Text WCAG AA × Fail

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 2E117E Background



This preview shows how black text looks on a background with the Hex color 2E117E.



This preview shows how white text looks on a background with the Hex color 2E117E.

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
2E117E

Protanopia
002C5C

Deuteranopia
002F4E

Trichromacy



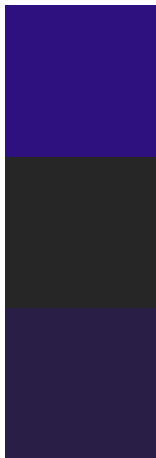
Original Color
2E117E

Protanomaly
112268

Deuteranomaly
11245F

Tritanomaly
112650

Monochromacy



Original Color
2E117E

Achromatopsia
262626

Achromatomaly
291E46

CSS Examples

Text

The CSS property to change the color of the text to Hex 2E117E 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 #2E117E looks like.

```
.text, #text, p{  
    color:#2E117E  
}
```

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 #2E117E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2E117E
}
```

Border

The CSS property to change the border of an element to Hex 2E117E is called "border". The border property can be set on classes, ids or directly on the HTML element.

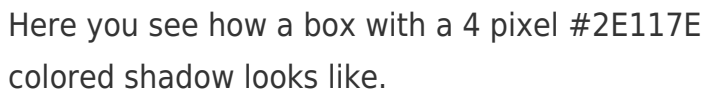
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#2E117E }
```

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

```
.border{ border-color:#2E117E }
```

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



Here you see how a box with a 4 pixel #2E117E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2E117E; -webkit-box-shadow:4px 4px  
4px 4px #2E117E; box-shadow:4px 4px 4px  
4px #2E117E }
```

Background

The CSS property to change the background color of an element to Hex 2E117E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2E117E }
```

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

```
.background{ background-color:#2E117E }
```

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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