

Converting Colors

Hex(2E118A)

Have a look what the booklet for
Hex(2E118A) contains.

Hex(2E118A)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(2E118A)

Conversions

Conversions Part 1

Format	Color
Hex	2E118A
RGB	46, 17, 138
RGB Percent	18%, 7%, 54%
CMY	0.8196, 0.9333, 0.4588
CMYK	0.67, 0.88, 0.00, 0.46
HSL	254°, 78%, 30%
HSV	254°, 88%, 54%
XYZ	5.9146, 2.8167, 24.2767
YIQ	39.4650, -21.5570, 43.7790

Conversions

Conversions Part 2

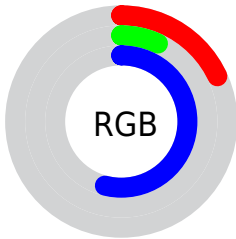
Format	Color
RYB	46, 17, 138
Decimal	3019146
CIELab	19.29, 46.01, -60.42
CIELCh	19, 75.944, 307.286
Yxy	2.8167, 0.1792, 0.0853
Android (android.graphics.Color)	4281209226 (0xFF2E118A)
YUV	39.4650, 48.5778, 5.7312
Hunter-Lab	16.7831, 33.5357, -74.0147

Details

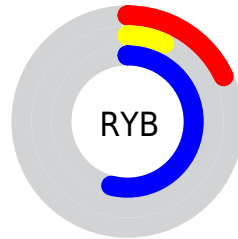
The Hex color **2E118A** is a dark color, and the websafe version is hex **330099**. A complement of this color would be **6D8A11**, and the grayscale version is **272727**.

A 20% lighter version of the original color is **6A42C1**, and **000057** is the 20% darker color. If you saturate the color by 10%, you get **24038A**, and if you desaturate by 10%, it is **381F8A**.

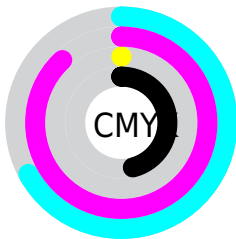
Distribution



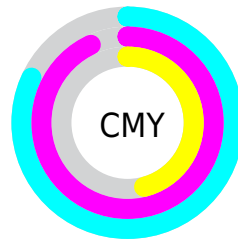
- Red (18%)
- Green (7%)
- Blue (54%)



- Red (18%)
- Yellow (7%)
- Blue (54%)



- Cyan (67%)
- Magenta (88%)
- Yellow (0%)
- Black (46%)



- Cyan (82%)
- Magenta (93%)
- Yellow (46%)

Brightness & Saturation Gradients

These gradients show how the Hex color 2E118A 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 2E118A by changing the saturation by 10% instead.

■ 2E118A

■ 2E118A

FFFFFF

■ 000070

■ 6A42C1

■ 000057

■ 865BDD

■ 00063E

■ A375FA

■ 000327

■ C08FFF

■ 000111

■ DDAAFF

■ 000000

■ FBC6FF

■ FFE2FF

■ 2E118A

■ 2E118A

■ 24038A

■ 381F8A

■ 21008A

■ 432D8A

■ 4D3A8A

■ 58488A

■ 62568A

■ 6D648A

■ 77728A

■ 827F8A

■ 8C8D8A

Harmonies

Analogous

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



0035A2



2E118A



75005B

Triad

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



2E118A



5B1700



00413C

Complementary

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



2E118A



6D8A11

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.



003F00



2E118A



2F3200

Square

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



2E118A



7A0000



003B00



004273

Rectangle

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



2E118A



840037



003B00



004128

Sweetspot

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



2E118A



8F84B3



116E8A



443E59



D9D9D9



595959

Same Dimension

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



2E118A



2B00B3



6A118A



403E45



200085



010005

Inverse Universe

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



8A116D



B30088



318A11



453E43



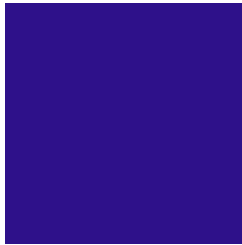
850065



050004

Previews

White Background



This preview shows how the Hex color 2E118A looks on a white background.

Color Contrast Check

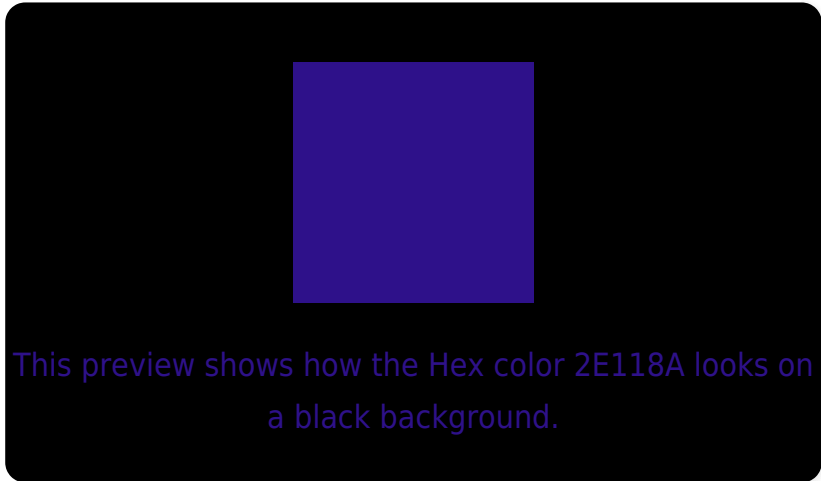
Large Text (above 18pt) WCAG AA ✓ Pass

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

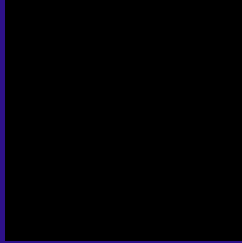
Any Text WCAG AA × Fail

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 2E118A Background



This preview shows how black text looks on a background with the Hex color 2E118A.



This preview shows how white text looks on a background with the Hex color 2E118A.

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
2E118A

Protanopia
002F62

Deuteranopia
003253

Trichromacy



Original Color
2E118A

Protanomaly
112471

Deuteranomaly
112667

Tritanomaly
112956

Monochromacy



Original Color
2E118A

Achromatopsia
272727

Achromatomaly
2A1F4B

CSS Examples

Text

The CSS property to change the color of the text to Hex 2E118A 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 #2E118A looks like.

```
.text, #text, p{  
    color:#2E118A  
}
```

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 #2E118A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2E118A
}
```

Border

The CSS property to change the border of an element to Hex 2E118A 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
#2E118A }
```

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

```
.border{ border-color:#2E118A }
```

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

Here you see how a box with a 4 pixel #2E118A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2E118A; -webkit-box-shadow:4px 4px  
4px 4px #2E118A; box-shadow:4px 4px 4px  
4px #2E118A }
```

Background

The CSS property to change the background color of an element to Hex 2E118A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2E118A }
```

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

```
.background{ background-color:#2E118A }
```

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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