

Converting Colors

Hex(1E278C)

Have a look what the booklet for
Hex(1E278C) contains.

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Color

Hex(1E278C)

Conversions

Conversions Part 1

Format	Color
Hex	1E278C
RGB	30, 39, 140
RGB Percent	12%, 15%, 55%
CMY	0.8824, 0.8471, 0.4510
CMYK	0.79, 0.72, 0.00, 0.45
HSL	235°, 65%, 33%
HSV	235°, 79%, 55%
XYZ	5.9946, 3.6205, 25.1938
YIQ	47.8230, -37.7850, 29.5030

Conversions

Conversions Part 2

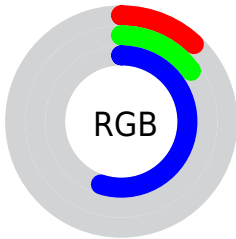
Format	Color
R_{YB}	30, 38, 140
Decimal	1976204
CIE _{Lab}	22.37, 33.62, -56.62
CIE _{LCh}	22, 65.848, 300.699
Yxy	3.6205, 0.1722, 0.1040
Android (android.graphics.Color)	4280166284 (0xFF1E278C)
YUV	47.8230, 45.4433, -15.6308
Hunter-Lab	19.0276, 22.9372, -65.1845

Details

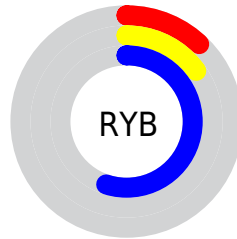
The Hex color **1E278C** is a dark color, and the websafe version is hex **333399**. A complement of this color would be **8C831E**, and the grayscale version is **2F2F2F**.

A 20% lighter version of the original color is **5E55C3**, and **000059** is the 20% darker color. If you saturate the color by 10%, you get **101A8C**, and if you desaturate by 10%, it is **2C348C**.

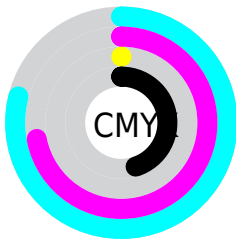
Distribution



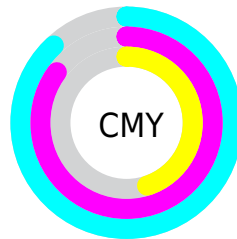
- Red (12%)
- Green (15%)
- Blue (55%)



- Red (12%)
- Yellow (15%)
- Blue (55%)



- Cyan (79%)
- Magenta (72%)
- Yellow (0%)
- Black (45%)



- Cyan (88%)
- Magenta (85%)
- Yellow (45%)

Brightness & Saturation Gradients

These gradients show how the Hex color 1E278C 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 1E278C by changing the saturation by 10% instead.

■ 1E278C

■ 1E278C

FFFFFF

■ 001272

■ 5E55C3

■ 000059

■ 7B6DDF

■ 000640

■ 9787FC

■ 000329

■ B4A1FF

■ 000113

■ D1BCFF

■ 000000

■ EFD8FF

■ FFF4FF

■ 1E278C

■ 1E278C

■ 101A8C

■ 2C348C

■ 020D8C

■ 3A418C

■ 000B8C

■ 484E8C

■ 565A8C

■ 64678C

■ 72748C

■ 80818C

■ 8E8E8C

■ 9C9B8C

Harmonies

Analogous

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



003D9B



1E278C



6D0067

Triad

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



1E278C



671B00



004735

Complementary

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



1E278C



8C831E

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.



004500



1E278C



423500

Square

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



1E278C



7F0003



024000



004867

Rectangle

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



1E278C



800047



024000



004624

Sweetspot

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



1E278C



8A8DB5



1E8C83



41435C



DBDBDB



5C5C5C

Same Dimension

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



1E278C



0B19B5



4C1E8C



3E3F45



000B85



000005

Inverse Universe

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



8C1E27



B50B19



5E8C1E



453E3F



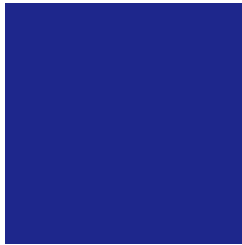
85000B



050000

Previews

White Background



This preview shows how the Hex color 1E278C looks on a white background.

Color Contrast Check

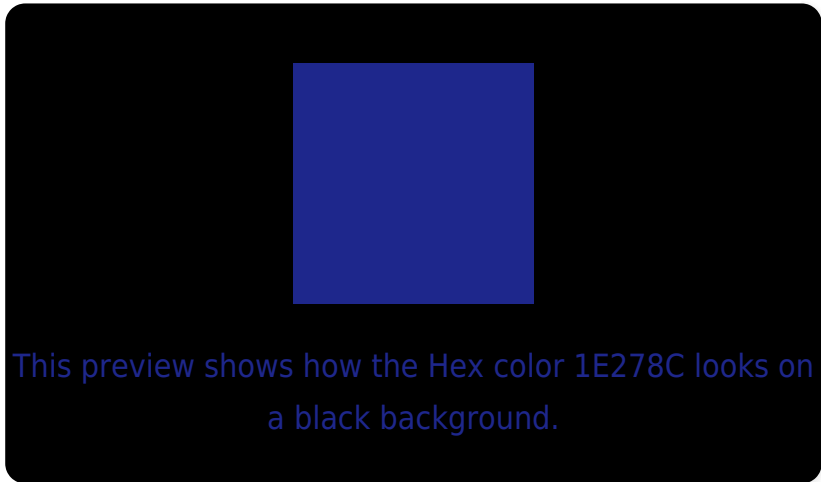
Large Text (above 18pt) WCAG AA ✓ Pass

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

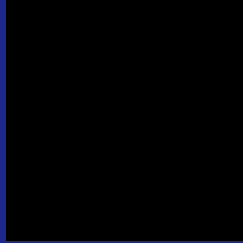
Any Text WCAG AA × Fail

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 1E278C Background



This preview shows how black text looks on a background with the Hex color 1E278C.



This preview shows how white text looks on a background with the Hex color 1E278C.

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
1E278C

Deuteranopia
00375D

Tritanopia
003C3F

Trichromacy



Original Color
1E278C

Deuteranomaly
0B316E

Tritanomaly
0B345B

Monochromacy



Original Color
1E278C

Achromatopsia
303030

Achromatomaly
292D51

CSS Examples

Text

The CSS property to change the color of the text to Hex 1E278C 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 #1E278C looks like.

```
.text, #text, p{  
    color:#1E278C  
}
```

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 #1E278C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #1E278C
}
```

Border

The CSS property to change the border of an element to Hex 1E278C is called "border". The border property can be set on classes, ids or directly on the HTML element.

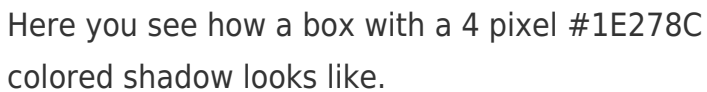
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#1E278C }
```

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

```
.border{ border-color:#1E278C }
```

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



Here you see how a box with a 4 pixel #1E278C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #1E278C; -webkit-box-shadow:4px 4px  
4px 4px #1E278C; box-shadow:4px 4px 4px  
4px #1E278C }
```

Background

The CSS property to change the background color of an element to Hex 1E278C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#1E278C }
```

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

```
.background{ background-color:#1E278C }
```

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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