

Converting Colors

Hex(1E217D)

Have a look what the booklet for
Hex(1E217D) contains.

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Color

Hex(1E217D)

Conversions

Conversions Part 1

| Format | Color |
|-------------|----------------------------|
| Hex | 1E217D |
| RGB | 30, 33, 125 |
| RGB Percent | 12%, 13%, 49% |
| CMY | 0.8824, 0.8706, 0.5098 |
| CMYK | 0.76, 0.74, 0.00, 0.51 |
| HSL | 238°, 61%, 30% |
| HSV | 238°, 76%, 49% |
| XYZ | 4.7809, 2.8444, 19.6991 |
| YIQ | 42.5910, -31.3200, 27.9760 |

Conversions

Conversions Part 2

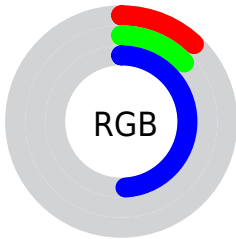
| Format | Color |
|-------------------------------------|-------------------------------|
| R_{YB} | 30, 33, 125 |
| Decimal | 1974653 |
| CIE _{Lab} | 19.41, 31.94, -52.07 |
| CIE _{LCh} | 19, 61.083, 301.530 |
| Y _{xy} | 2.8444, 0.1750, 0.1041 |
| Android (android.graphics.Color) | 4280164733 (0xFF1E217D) |
| YUV | 42.5910, 40.6276, -11.0423 |
| Hunter-Lab | 16.8654, 21.0864, -57.4462 |




Details

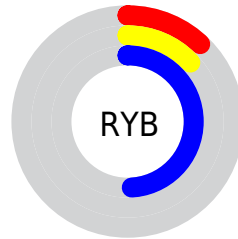
The Hex color **1E217D** is a dark color, and the websafe version is hex **333399**. A complement of this color would be **7D7A1E**, and the grayscale version is **2A2A2A**.




A 20% lighter version of the original color is **5B4EB3**, and **00004B** is the 20% darker color. If you saturate the color by 10%, you get **12157D**, and if you desaturate by 10%, it is **2B2D7D**.

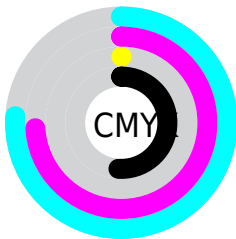
Distribution







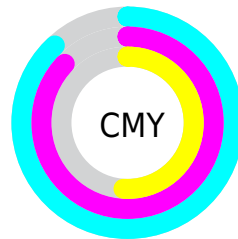
-  Red (12%)
-  Green (13%)
-  Blue (49%)






-  Red (12%)
-  Yellow (13%)
-  Blue (49%)



-  Cyan (76%)
-  Magenta (74%)
-  Yellow (0%)
-  Black (51%)



-  Cyan (88%)
-  Magenta (87%)
-  Yellow (51%)

Brightness & Saturation Gradients

These gradients show how the Hex color 1E217D 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 1E217D by changing the saturation by 10% instead.

■ 1E217D

■ 1E217D

FFFFFF

■ 000C63

■ 5B4EB3

■ 00004B

■ 7666CF

■ 000433

■ 9280EB

■ 00021D

■ AF9AFF

■ 000000

■ CBB5FF

■ E9D0FF

■ FFEDFF

■ 1E217D

■ 1E217D

■ 12157D

■ 2B2D7D

■ 05097D

■ 37397D

■ 00047D

■ 44457D

■ 50517D

■ 5D5E7D

■ 696A7D

■ 76767D

■ 82827D

■ 8F8E7D

Harmonies

Analogous

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



00368B



1E217D



62005A

Triad

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



1E217D



5B1800



003F30

Complementary

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



1E217D



7D7A1E

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.



003D00



1E217D



392F00

Square

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



1E217D



720000



003900



003F5D

Rectangle

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



1E217D



73003E



003900



003E20

Sweetspot

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



1E217D



7E7FA3



1E7D7A



3B3B52



D1D1D1



525252

Same Dimension

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



1E217D



0F13A3



4A1E7D



393A40



000480



000000

Inverse Universe

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



7D1E21



A30F13



517D1E



40393A



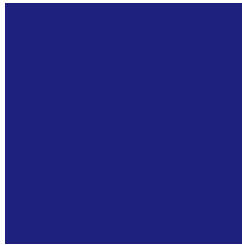
800004



000000

Previews

White Background



This preview shows how the Hex color 1E217D looks on a white background.

Color Contrast Check

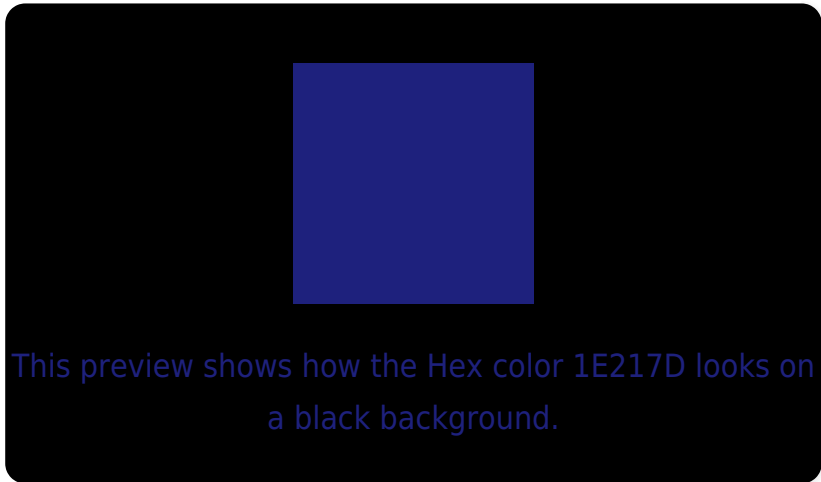
Large Text (above 18pt) WCAG AA ✓ Pass

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

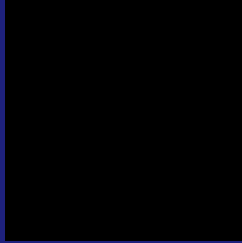
Any Text WCAG AA × Fail

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 1E217D Background



This preview shows how black text looks on a background with the Hex color 1E217D.



This preview shows how white text looks on a background with the Hex color 1E217D.

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
1E217D

Protanopia
002E61

Deuteranopia
003152

Trichromacy



Original Color
1E217D

Protanomaly
0B296B

Deuteranomaly
0B2B62

Tritanomaly
0B2E51

Monochromacy



Original Color
1E217D

Achromatopsia
2B2B2B

Achromatomaly
262749

CSS Examples

Text

The CSS property to change the color of the text to Hex 1E217D 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 #1E217D looks like.

```
.text, #text, p{  
    color:#1E217D  
}
```

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 #1E217D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #1E217D
}
```

Border

The CSS property to change the border of an element to Hex 1E217D 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
#1E217D }
```

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

```
.border{ border-color:#1E217D }
```

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

Here you see how a box with a 4 pixel #1E217D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #1E217D; -webkit-box-shadow:4px 4px  
4px 4px #1E217D; box-shadow:4px 4px 4px  
4px #1E217D }
```

Background

The CSS property to change the background color of an element to Hex 1E217D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#1E217D }
```

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

```
.background{ background-color:#1E217D }
```

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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