

Converting Colors

Hex(41197D)

Have a look what the booklet for
Hex(41197D) contains.

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Color

Hex(41197D)

Conversions

Conversions Part 1

Format	Color
Hex	41197D
RGB	65, 25, 125
RGB Percent	25%, 10%, 49%
CMY	0.7451, 0.9020, 0.5098
CMYK	0.48, 0.80, 0.00, 0.51
HSL	264°, 67%, 29%
HSV	264°, 80%, 49%
XYZ	6.2293, 3.2997, 19.7106
YIQ	48.3600, -8.2600, 39.5800

Conversions

Conversions Part 2

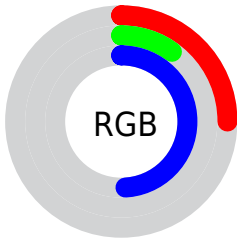
Format	Color
R_{YB}	65, 25, 125
Decimal	4266365
CIE _{Lab}	21.21, 41.22, -48.99
CIE _{LCh}	21, 64.022, 310.076
Yxy	3.2997, 0.2130, 0.1129
Android (android.graphics.Color)	4282456445 (0xFF41197D)
YUV	48.3600, 37.7835, 14.5933
Hunter-Lab	18.1652, 29.4227, -51.6185

Details

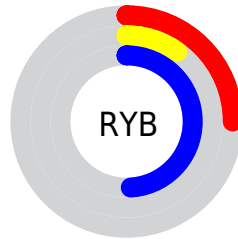
The Hex color **41197D** is a dark color, and the websafe version is hex **330066**. A complement of this color would be **557D19**, and the grayscale version is **303030**.

A 20% lighter version of the original color is **7749B3**, and **09004B** is the 20% darker color. If you saturate the color by 10%, you get **390C7D**, and if you desaturate by 10%, it is **48267D**.

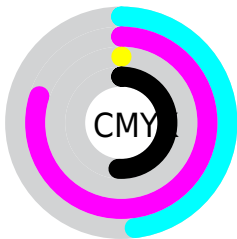
Distribution



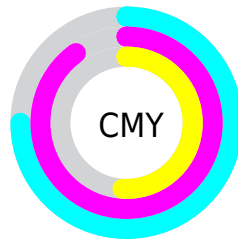
- Red (25%)
- Green (10%)
- Blue (49%)



- Red (25%)
- Yellow (10%)
- Blue (49%)



- Cyan (48%)
- Magenta (80%)
- Yellow (0%)
- Black (51%)



- Cyan (75%)
- Magenta (90%)
- Yellow (51%)

Brightness & Saturation Gradients

These gradients show how the Hex color 41197D 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 41197D by changing the saturation by 10% instead.

41197D

41197D

FFFFFF

250063

7749B3

09004B

9362CE

000233

AF7CEB

00021D

CB96FF

000000

E8B2FF

FFCDFF

FFE AFF

41197D

41197D

■ 390C7D

■ 48267D

■ 32007D

■ 50327D

■ 573F7D

■ 5F4B7D

■ 66577D

■ 6E647D

■ 76717D

■ 7D7D7D

■ 858A7D

Harmonies

Analogous

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



003693



41197D



730054

Triad

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



41197D



582400



004442

Complementary

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



41197D



557D19

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.



00420F



41197D



313600

Square

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



41197D



740000



003F00



004470

Rectangle

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



41197D



7E0035



003F00



004332

Sweetspot

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



41197D



8C7CA3



19557D



433A52



D1D1D1



525252

Same Dimension

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



41197D



4507A3



73197D



3C3940



330080



000000

Inverse Universe

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



7D1955



A30765



237D19



40393D



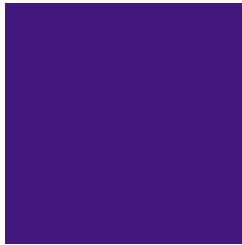
80004C



000000

Previews

White Background



This preview shows how the Hex color 41197D looks on a white background.

Color Contrast Check

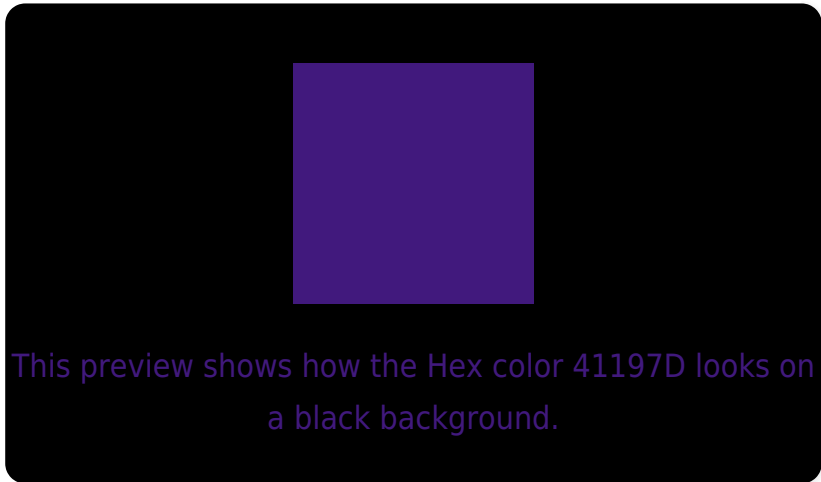
Large Text (above 18pt) WCAG AA ✓ Pass

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

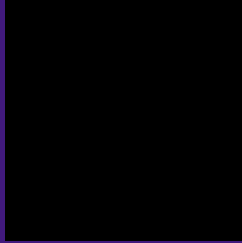
Any Text WCAG AA × Fail

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 41197D Background



This preview shows how black text looks on a background with the Hex color 41197D.



This preview shows how white text looks on a background with the Hex color 41197D.

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
41197D

Protanopia
00326A

Deuteranopia
00355B



Tritanopia
2F3539

Trichromacy



Original Color
41197D

Protanomaly
182971

Deuteranomaly
182B67

Tritanomaly
362B52

Monochromacy



Original Color
41197D

Achromatopsia
303030

Achromatomaly
36284C

CSS Examples

Text

The CSS property to change the color of the text to Hex 41197D 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 #41197D looks like.

```
.text, #text, p{  
    color:#41197D  
}
```

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 #41197D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #41197D
}
```

Border

The CSS property to change the border of an element to Hex 41197D is called "border". The border property can be set on classes, ids or directly on the HTML element.

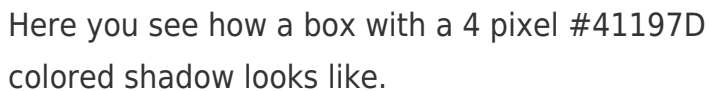
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#41197D }
```

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

```
.border{ border-color:#41197D }
```

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



Here you see how a box with a 4 pixel #41197D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #41197D; -webkit-box-shadow:4px 4px  
4px 4px #41197D; box-shadow:4px 4px 4px  
4px #41197D }
```

Background

The CSS property to change the background color of an element to Hex 41197D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#41197D }
```

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

```
.background{ background-color:#41197D }
```

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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