

Converting Colors

Hex(41197F)

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

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Color

Hex(41197F)

Conversions

Conversions Part 1

Format	Color
Hex	41197F
RGB	65, 25, 127
RGB Percent	25%, 10%, 50%
CMY	0.7451, 0.9020, 0.5020
CMYK	0.49, 0.80, 0.00, 0.50
HSL	264°, 67%, 30%
HSV	264°, 80%, 50%
XYZ	6.3584, 3.3514, 20.3904
YIQ	48.5880, -8.9020, 40.2020

Conversions

Conversions Part 2

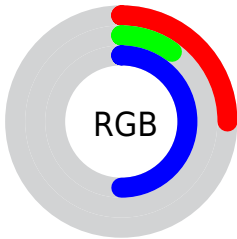
Format	Color
R _{YB}	65, 25, 127
Decimal	4266367
CIE Lab	21.40, 41.77, -49.94
CIE LCh	21, 65.107, 309.907
Yxy	3.3514, 0.2112, 0.1113
Android (android.graphics.Color)	4282456447 (0xFF41197F)
YUV	48.5880, 38.6571, 14.3933
Hunter-Lab	18.3068, 29.9603, -53.2235

Details

The Hex color **41197F** is a dark color, and the websafe version is hex **330066**. A complement of this color would be **577F19**, and the grayscale version is **303030**.

A 20% lighter version of the original color is **774AB5**, and **07004D** is the 20% darker color. If you saturate the color by 10%, you get **390C7F**, and if you desaturate by 10%, it is **49267F**.

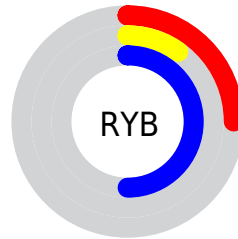
Distribution



Red (25%)

Green (10%)

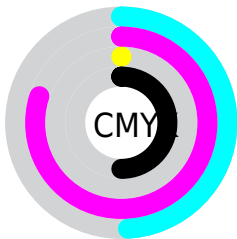
Blue (50%)



Red (25%)

Yellow (10%)

Blue (50%)

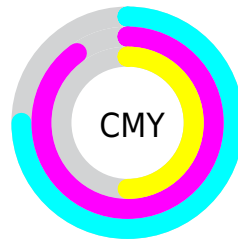


Cyan (49%)

Magenta (80%)

Yellow (0%)

Black (50%)



Cyan (75%)

Magenta (90%)

Yellow (50%)

Brightness & Saturation Gradients

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

41197F

41197F

FFFFFF

250065

774AB5

07004D

9363D1

000135

AF7CED

00021F

CB97FF

000002

E9B2FF

000000

FFCEFF

FFEAFF

41197F

41197F

■ 390C7F

■ 49267F

■ 32007F

■ 50327F

■ 583F7F

■ 604C7F

■ 68597F

■ 6F657F

■ 77727F

■ 7F7F7F

■ 868B7F

Harmonies

Analogous

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



003695



41197F



740056

Triad

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



41197F



592400



004543

Complementary

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



41197F



577F19

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.



00430E



41197F



323700

Square

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



41197F



760000



003F00



004571

Rectangle

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



41197F



800036



003F00



004432

Sweetspot

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



41197F



8E7EA6



19587F



453C54



D4D4D4



545454

Same Dimension

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



41197F



4507A6



73197F



3C3940



320080



000000

Inverse Universe

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



7F1957



A60767



257F19



40393D



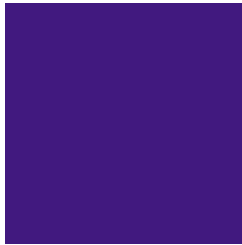
80004D



000000

Previews

White Background



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

Color Contrast Check

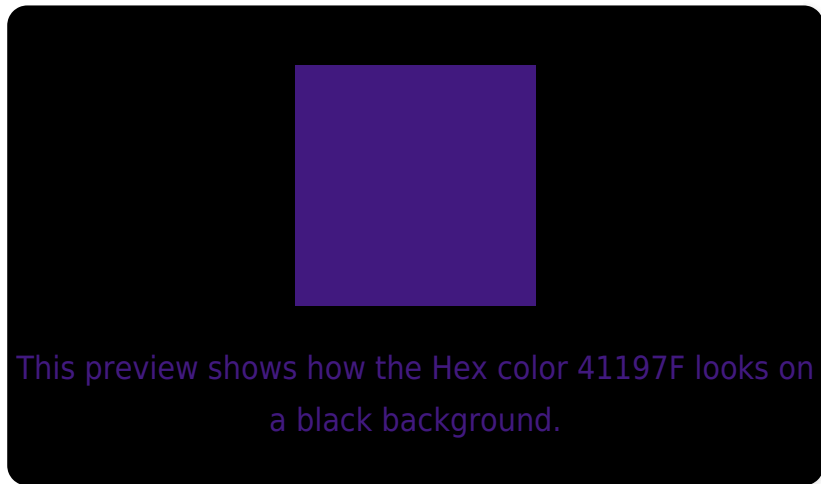
Large Text (above 18pt) WCAG AA ✓ Pass

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

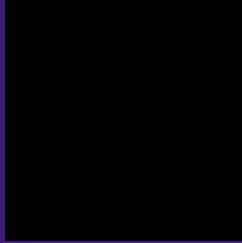
Any Text WCAG AA × Fail

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 41197F Background



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



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

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](#).

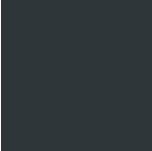
Dichromacy



Original Color
41197F

Protanopia
00336B

Deuteranopia
00365B



Tritanopia
2E363A

Trichromacy



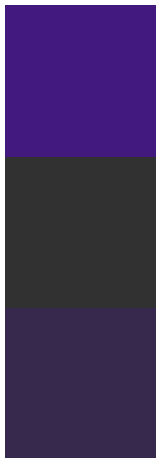
Original Color
41197F

Protanomaly
182A72

Deuteranomaly
182B68

Tritanomaly
352B53

Monochromacy



Original Color
41197F

Achromatopsia
313131

Achromatomaly
37284D

CSS Examples

Text

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

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

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 #41197F colored shadow looks like.

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

Border

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

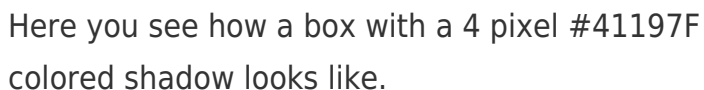
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

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

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

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

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



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

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

Background

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

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

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

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

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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