

Converting Colors

Hex(41207E)

Have a look what the booklet for
Hex(41207E) contains.

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Color

Hex(41207E)

Conversions

Conversions Part 1

Format	Color
Hex	41207E
RGB	65, 32, 126
RGB Percent	25%, 13%, 49%
CMY	0.7451, 0.8745, 0.5059
CMYK	0.48, 0.75, 0.00, 0.51
HSL	261°, 59%, 31%
HSV	261°, 75%, 49%
XYZ	6.4624, 3.6632, 20.1051
YIQ	52.5830, -10.5060, 36.2300

Conversions

Conversions Part 2

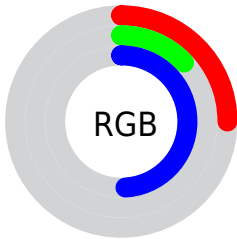
Format	Color
R _Y B	65, 32, 126
Decimal	4268158
CIE Lab	22.53, 38.02, -47.47
CIE LCh	23, 60.814, 308.693
Yxy	3.6632, 0.2138, 0.1212
Android (android.graphics.Color)	4282458238 (0xFF41207E)
YUV	52.5830, 36.1946, 10.8897
Hunter-Lab	19.1395, 26.7758, -48.8837

Details

The Hex color **41207E** is a dark color, and the websafe version is hex **330066**. A complement of this color would be **5D7E20**, and the grayscale version is **343434**.

A 20% lighter version of the original color is **774FB4**, and **07004C** is the 20% darker color. If you saturate the color by 10%, you get **39137E**, and if you desaturate by 10%, it is **492D7E**.

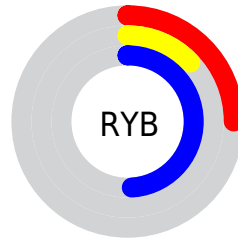
Distribution



Red (25%)

Green (13%)

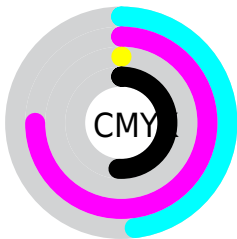
Blue (49%)



Red (25%)

Yellow (13%)

Blue (49%)

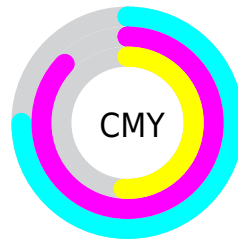


Cyan (48%)

Magenta (75%)

Yellow (0%)

Black (51%)



Cyan (75%)

Magenta (87%)

Yellow (51%)

Brightness & Saturation Gradients

These gradients show how the Hex color 41207E 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 41207E by changing the saturation by 10% instead.

■ 41207E

■ 41207E

FFFFFF

■ 250764

■ 774FB4

■ 07004C

■ 9268CF

■ 000034

■ AE82EC

■ 00021E

■ CA9CFF

■ 000000

■ E7B8FF

■ FFD4FF

■ FFF0FF

■ 41207E

■ 41207E

■ 39137E

■ 492D7E

■ 31077E

■ 51397E

■ 2C007E

■ 5A467E

■ 62527E

■ 6A5F7E

■ 726C7E

■ 7A787E

■ 82857E

■ 8B917E

Harmonies

Analogous

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



003992



41207E



720058

Triad

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



41207E



5C2600



004742

Complementary

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



41207E



5D7E20

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.



004511



41207E



373900

Square

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



41207E



770000



004100



00476E

Rectangle

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



41207E



7E003A



004100



004633

Sweetspot

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



41207E



8C7FA3



205D7E



443C52



D1D1D1



525252

Same Dimension

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



41207E



4410A3



70207E



3C3940



2D0080



000000

Inverse Universe

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



7E205D



A31070



2E7E20



40393E



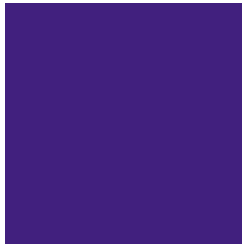
800053



000000

Previews

White Background



This preview shows how the Hex color 41207E looks on a white background.

Color Contrast Check

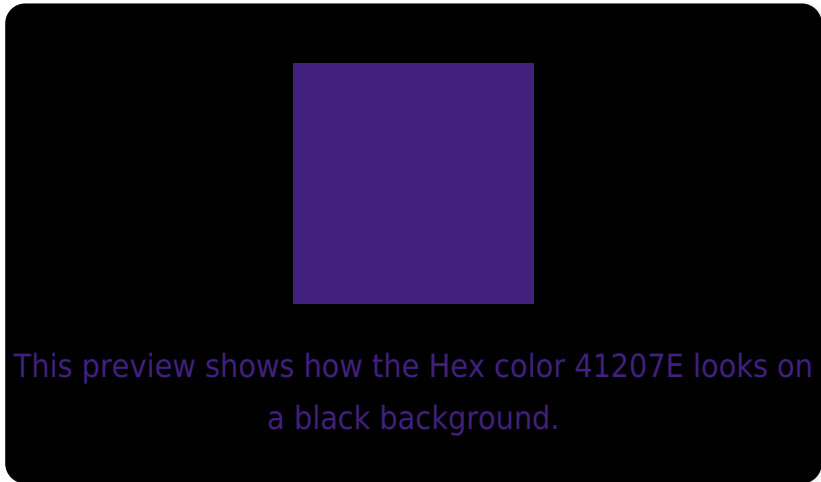
Large Text (above 18pt) WCAG AA ✓ Pass

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

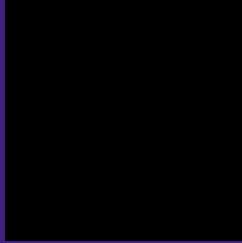
Any Text WCAG AA × Fail

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 41207E Background



This preview shows how black text looks on a background with the Hex color 41207E.

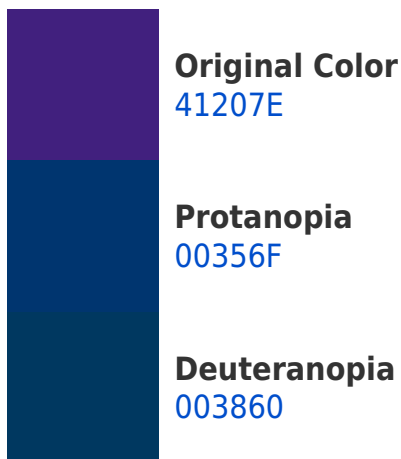


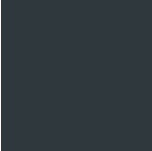
This preview shows how white text looks on a background with the Hex color 41207E.

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](#).

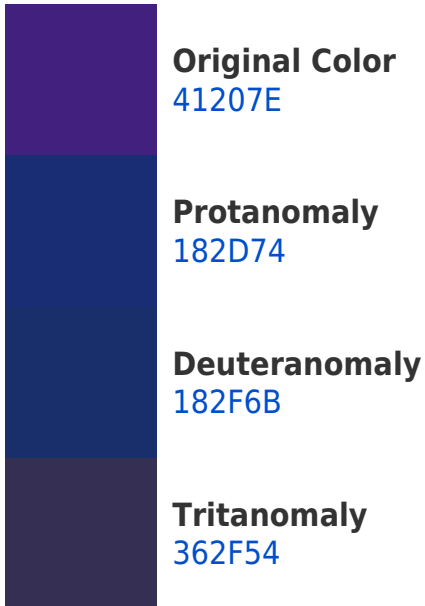
Dichromacy



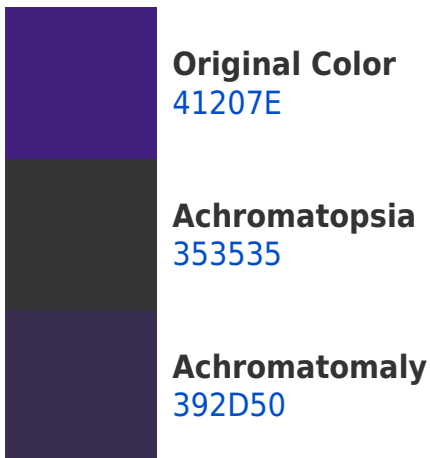


Tritanopia
2F383C

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 41207E 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 #41207E looks like.

```
.text, #text, p{  
    color:#41207E  
}
```

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 #41207E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #41207E
}
```

Border

The CSS property to change the border of an element to Hex 41207E is called "border". The border property can be set on classes, ids or directly on the HTML element.

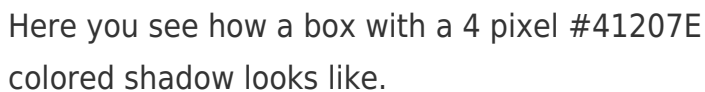
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#41207E }
```

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

```
.border{ border-color:#41207E }
```

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



Here you see how a box with a 4 pixel #41207E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #41207E; -webkit-box-shadow:4px 4px  
4px 4px #41207E; box-shadow:4px 4px 4px  
4px #41207E }
```

Background

The CSS property to change the background color of an element to Hex 41207E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#41207E }
```

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

```
.background{ background-color:#41207E }
```

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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