

Converting Colors

Hex(41217A)

Have a look what the booklet for
Hex(41217A) contains.

Hex(41217A)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(41217A)

Conversions

Conversions Part 1

Format	Color
Hex	41217A
RGB	65, 33, 122
RGB Percent	25%, 13%, 48%
CMY	0.7451, 0.8706, 0.5216
CMYK	0.47, 0.73, 0.00, 0.52
HSL	262°, 57%, 30%
HSV	262°, 73%, 48%
XYZ	6.2367, 3.6167, 18.7817
YIQ	52.7140, -9.4970, 34.4630

Conversions

Conversions Part 2

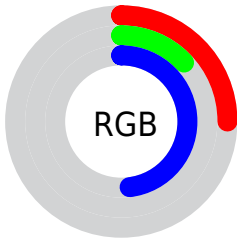
Format	Color
RYB	65, 33, 122
Decimal	4268410
CIELab	22.36, 36.32, -45.19
CIELCh	22, 57.978, 308.788
Yxy	3.6167, 0.2178, 0.1263
Android (android.graphics.Color)	4282458490 (0xFF41217A)
YUV	52.7140, 34.1580, 10.7748
Hunter-Lab	19.0175, 25.2572, -45.2425

Details

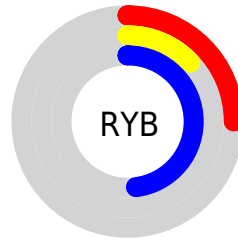
The Hex color **41217A** is a dark color, and the websafe version is hex **330066**. A complement of this color would be **5A7A21**, and the grayscale version is **343434**.

A 20% lighter version of the original color is **7650AF**, and **0A0048** is the 20% darker color. If you saturate the color by 10%, you get **39157A**, and if you desaturate by 10%, it is **492D7A**.

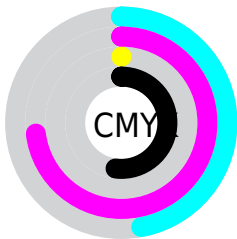
Distribution



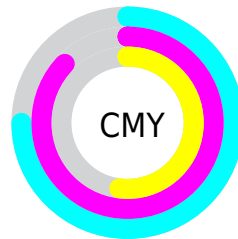
- Red (25%)
- Green (13%)
- Blue (48%)



- Red (25%)
- Yellow (13%)
- Blue (48%)



- Cyan (47%)
- Magenta (73%)
- Yellow (0%)
- Black (52%)



- Cyan (75%)
- Magenta (87%)
- Yellow (52%)

Brightness & Saturation Gradients

These gradients show how the Hex color 41217A 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 41217A by changing the saturation by 10% instead.

 41217A

 41217A

FFFFFF

 260961

 7650AF

 0A0048

 9169CB

 000131

 AD83E7

 00011B

 C99DFF

 000000

 E6B8FF

 FFD4FF

 FFF1FF

 41217A

 41217A

■ 39157A

■ 492D7A

■ 31097A

■ 51397A

■ 2C007A

■ 58467A

■ 60527A

■ 685E7A

■ 706A7A

■ 78767A

■ 80837A

■ 878F7A

Harmonies

Analogous

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



00388D



41217A



6F0056

Triad

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



41217A



5B2700



004642

Complementary

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



41217A



5A7A21

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.



004413



41217A



373800

Square

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



41217A



740000



004000



00466B

Rectangle

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



41217A



7B0039



004000



004533

Sweetspot

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



41217A



887B9E



215B7A



423A4F



CFCFCF



4F4F4F

Same Dimension

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



41217A



45139E



6D217A



39373D



2D007D



5B00FC

Inverse Universe

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



7A215A



9E136C



2E7A21



3D373B



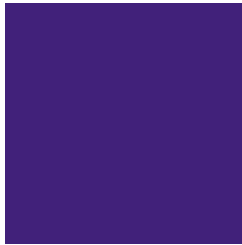
7D0050



FC00A2

Previews

White Background



This preview shows how the Hex color 41217A looks on a white background.

Color Contrast Check

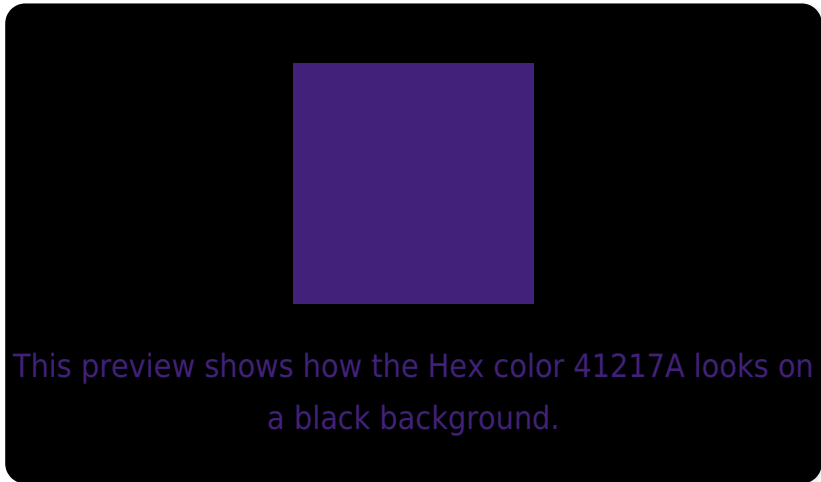
Large Text (above 18pt) WCAG AA ✓ Pass

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

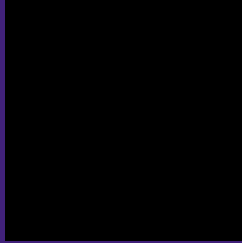
Any Text WCAG AA × Fail

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 41217A Background



This preview shows how black text looks on a background with the Hex color 41217A.



This preview shows how white text looks on a background with the Hex color 41217A.

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
41217A

Protanopia
00346E

Deuteranopia
00385F



Tritanopia
31373B

Trichromacy



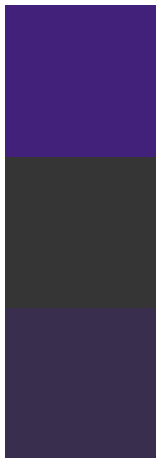
Original Color
41217A

Protanomaly
182D72

Deuteranomaly
183069

Tritanomaly
372F52

Monochromacy



Original Color
41217A

Achromatopsia
353535

Achromatomaly
392E4E

CSS Examples

Text

The CSS property to change the color of the text to Hex 41217A 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 #41217A looks like.

```
.text, #text, p{  
    color:#41217A  
}
```

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 #41217A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #41217A
}
```

Border

The CSS property to change the border of an element to Hex 41217A 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
#41217A }
```

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

```
.border{ border-color:#41217A }
```

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

Here you see how a box with a 4 pixel #41217A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #41217A; -webkit-box-shadow:4px 4px  
4px 4px #41217A; box-shadow:4px 4px 4px  
4px #41217A }
```

Background

The CSS property to change the background color of an element to Hex 41217A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#41217A }
```

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

```
.background{ background-color:#41217A }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor