

Converting Colors

Hex(47277E)

Have a look what the booklet for
Hex(47277E) contains.

Hex(47277E)	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(47277E)

Conversions

Conversions Part 1

Format	Color
Hex	47277E
RGB	71, 39, 126
RGB Percent	28%, 15%, 49%
CMY	0.7216, 0.8471, 0.5059
CMYK	0.44, 0.69, 0.00, 0.51
HSL	262°, 53%, 32%
HSV	262°, 69%, 49%
XYZ	7.0899, 4.2970, 20.1944
YIQ	58.4860, -8.8550, 33.8410

Conversions

Conversions Part 2

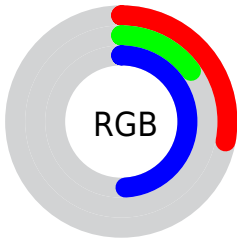
Format	Color
R_{YB}	71, 39, 126
Decimal	4663166
CIE Lab	24.63, 35.35, -44.00
CIE LCh	25, 56.444, 308.774
Yxy	4.2970, 0.2245, 0.1361
Android (android.graphics.Color)	4282853246 (0xFF47277E)
YUV	58.4860, 33.2844, 10.9748
Hunter-Lab	20.7292, 24.7758, -43.2499

Details

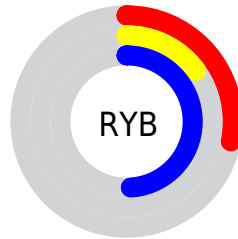
The Hex color **47277E** is a dark color, and the websafe version is hex **663399**. A complement of this color would be **5E7E27**, and the grayscale version is **3A3A3A**.

A 20% lighter version of the original color is **7C56B3**, and **10004C** is the 20% darker color. If you saturate the color by 10%, you get **3F1A7E**, and if you desaturate by 10%, it is **4F347E**.

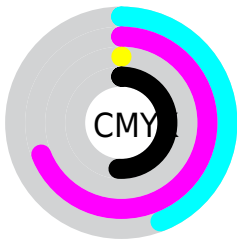
Distribution



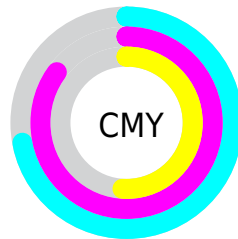
- Red (28%)
- Green (15%)
- Blue (49%)



- Red (28%)
- Yellow (15%)
- Blue (49%)



- Cyan (44%)
- Magenta (69%)
- Yellow (0%)
- Black (51%)



- Cyan (72%)
- Magenta (85%)
- Yellow (51%)

Brightness & Saturation Gradients

These gradients show how the Hex color 47277E 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 47277E by changing the saturation by 10% instead.

■ 47277E

■ 47277E

FFFFFF

■ 2C1064

■ 7C56B3

■ 10004C

■ 976FCF

■ 000035

■ B389EC

■ 00021E

■ CFA4FF

■ 000001

■ ECBFFF

■ 000000

■ FFDBFF

■ FFF8FF

■ 47277E

■ 47277E

■ 3F1A7E

■ 4F347E

■ 370E7E

■ 57407E

■ 2F017E

■ 5F4D7E

■ 2E007E

■ 67597E

■ 6F667E

■ 77737E

■ 7F7F7E

■ 878C7E

■ 8F987E

Harmonies

Analogous

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



003D90



47277E



74005A

Triad

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



47277E



602C00



004B46

Complementary

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



47277E



5E7E27

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.



004A19



47277E



3E3D00

Square

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



47277E



790B03



044600



004B70

Rectangle

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



47277E



80003E



044600



004B38

Sweetspot

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



47277E



8E81A3



275E7E



453D52



D1D1D1



525252

Same Dimension

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



47277E



4E1CA3



72277E



3C3940



2F0080



000000

Inverse Universe

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



7E275E



A31C71



337E27



40393D



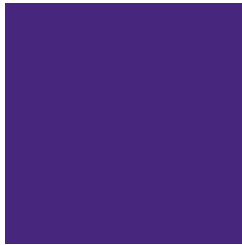
800051



000000

Previews

White Background



This preview shows how the Hex color 47277E 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

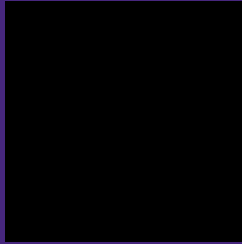
Any Text WCAG AA × Fail

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 47277E Background



This preview shows how black text looks on a background with the Hex color 47277E.

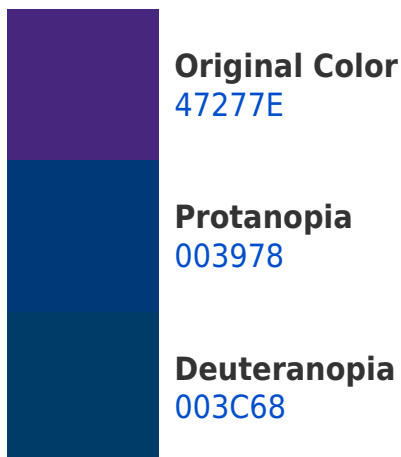


This preview shows how white text looks on a background with the Hex color 47277E.

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
383B40

Trichromacy



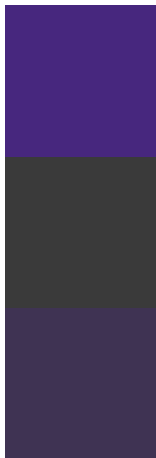
Original Color
47277E

Protanomaly
1A327A

Deuteranomaly
1A3470

Tritanomaly
3D3457

Monochromacy



Original Color
47277E

Achromatopsia
3A3A3A

Achromatomaly
3F3353

CSS Examples

Text

The CSS property to change the color of the text to Hex 47277E 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 #47277E looks like.

```
.text, #text, p{  
    color:#47277E  
}
```

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 #47277E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #47277E
}
```

Border

The CSS property to change the border of an element to Hex 47277E is called "border". The border property can be set on classes, ids or directly on the HTML element.

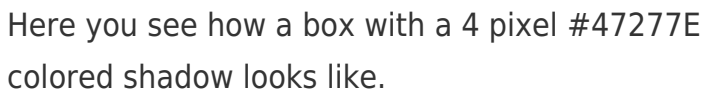
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#47277E }
```

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

```
.border{ border-color:#47277E }
```

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



Here you see how a box with a 4 pixel #47277E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #47277E; -webkit-box-shadow:4px 4px  
4px 4px #47277E; box-shadow:4px 4px 4px  
4px #47277E }
```

Background

The CSS property to change the background color of an element to Hex 47277E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#47277E }
```

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

```
.background{ background-color:#47277E }
```

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