

Converting Colors

Hex(67227E)

Have a look what the booklet for
Hex(67227E) contains.

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Color

Hex(67227E)

Conversions

Conversions Part 1

Format	Color
Hex	67227E
RGB	103, 34, 126
RGB Percent	40%, 13%, 49%
CMY	0.5961, 0.8667, 0.5059
CMYK	0.18, 0.73, 0.00, 0.51
HSL	285°, 58%, 31%
HSV	285°, 73%, 49%
XYZ	9.9314, 5.5340, 20.2834
YIQ	65.1190, 11.5920, 43.2400

Conversions

Conversions Part 2

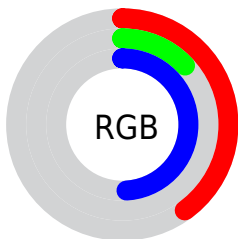
Format	Color
R_{YB}	103, 34, 126
Decimal	6759038
CIE _{Lab}	28.20, 44.96, -38.01
CIE _{LCh}	28, 58.876, 319.792
Yxy	5.5340, 0.2778, 0.1548
Android (android.graphics.Color)	4284949118 (0xFF67227E)
YUV	65.1190, 30.0143, 33.2216
Hunter-Lab	23.5244, 34.1907, -34.6544

Details

The Hex color **67227E** is a dark color, and the websafe version is hex **660066**. A complement of this color would be **397E22**, and the grayscale version is **414141**.

A 20% lighter version of the original color is **9D55B3**, and **33004C** is the 20% darker color. If you saturate the color by 10%, you get **64157E**, and if you desaturate by 10%, it is **6A2F7E**.

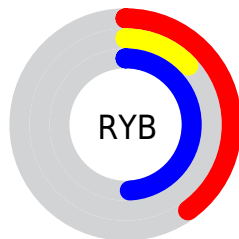
Distribution



Red (40%)

Green (13%)

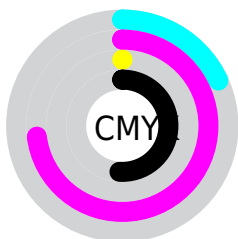
Blue (49%)



Red (40%)

Yellow (13%)

Blue (49%)

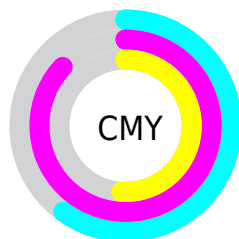


Cyan (18%)

Magenta (73%)

Yellow (0%)

Black (51%)



Cyan (60%)

Magenta (87%)

Yellow (51%)

Brightness & Saturation Gradients

These gradients show how the Hex color 67227E 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 67227E by changing the saturation by 10% instead.

67227E

67227E

FFFFFF

4D0365

9D55B3

33004C

B96FCF

1E0035

D58AEC

00021E

F2A5FF

000001

FFC0FF

000000

FFDDFF

FFFAFF

67227E

67227E

■ 64157E

■ 6A2F7E

■ 61097E

■ 6D3B7E

■ 5F007E

■ 70487E

■ 74547E

■ 77617E

■ 7A6E7E

■ 7D7A7E

■ 80877E

■ 83937E

Harmonies

Analogous

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



003E99



67227E



890054

Triad

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



67227E



5F3B00



005560

Complementary

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



67227E



397E22

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.



005431



67227E



364900

Square

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



67227E



7E2200



005100



005488

Rectangle

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



67227E



8F0036



005100



005551

Sweetspot

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



67227E



9A7FA3



22397E



4C3C52



D1D1D1



525252

Same Dimension

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



67227E



7F14A3



7E2267



3E3940



600080



000000

Inverse Universe

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



7E2239



A31437



227E39



40393B



800020



000000

Previews

White Background



This preview shows how the Hex color 67227E 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

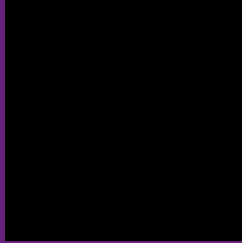
Any Text WCAG AA × Fail

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 67227E Background



This preview shows how black text looks on a background with the Hex color 67227E.

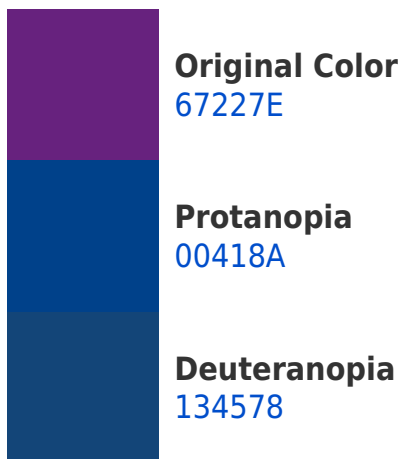



This preview shows how white text looks on a background with the Hex color 67227E.

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
5E393D

Trichromacy



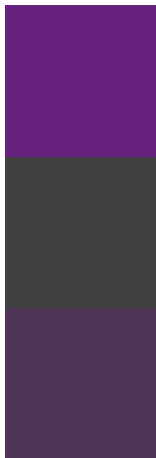
Original Color
67227E

Protanomaly
253686

Deuteranomaly
32387A

Tritanomaly
613155

Monochromacy



Original Color
67227E

Achromatopsia
414141

Achromatomaly
4F3657

CSS Examples

Text

The CSS property to change the color of the text to Hex 67227E 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 #67227E looks like.

```
.text, #text, p{  
    color:#67227E  
}
```

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 #67227E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #67227E
}
```

Border

The CSS property to change the border of an element to Hex 67227E is called "border". The border property can be set on classes, ids or directly on the HTML element.

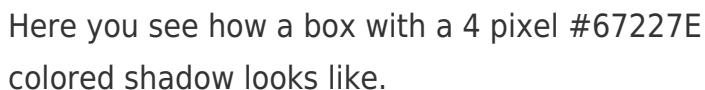
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#67227E }
```

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

```
.border{ border-color:#67227E }
```

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



Here you see how a box with a 4 pixel #67227E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #67227E; -webkit-box-shadow:4px 4px  
4px 4px #67227E; box-shadow:4px 4px 4px  
4px #67227E }
```

Background

The CSS property to change the background color of an element to Hex 67227E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#67227E }
```

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

```
.background{ background-color:#67227E }
```

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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