

Converting Colors

Hex(27057E)

Have a look what the booklet for
Hex(27057E) contains.

Hex(27057E)	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(27057E)

Conversions

Conversions Part 1

Format	Color
Hex	27057E
RGB	39, 5, 126
RGB Percent	15%, 2%, 49%
CMY	0.8471, 0.9804, 0.5059
CMYK	0.69, 0.96, 0.00, 0.51
HSL	257°, 92%, 26%
HSV	257°, 96%, 49%
XYZ	4.6569, 2.0462, 19.8882
YIQ	28.9600, -18.5770, 44.8390

Conversions

Conversions Part 2

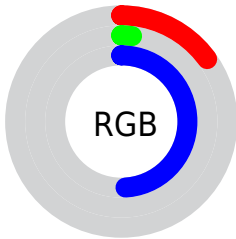
Format	Color
RYB	39, 5, 126
Decimal	2557310
CIELab	15.73, 46.20, -58.77
CIELCh	16, 74.759, 308.170
Yxy	2.0462, 0.1751, 0.0770
Android (android.graphics.Color)	4280747390 (0xFF27057E)
YUV	28.9600, 47.8407, 8.8051
Hunter-Lab	14.3047, 33.0773, -72.4193




Details

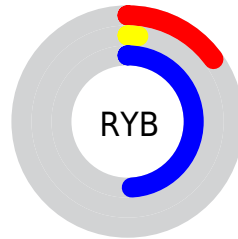
The Hex color **27057E** is a dark color, and the websafe version is hex **000066**. A complement of this color would be **5C7E05**, and the grayscale version is **1D1D1D**.




A 20% lighter version of the original color is **6339B4**, and **00004B** is the 20% darker color. If you saturate the color by 10%, you get **23007E**, and if you desaturate by 10%, it is **30127E**.

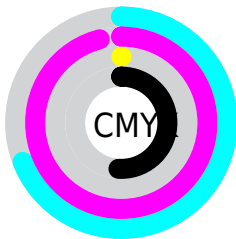
Distribution







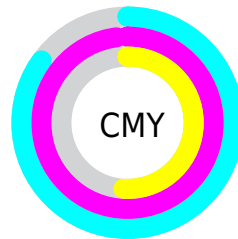
-  Red (15%)
-  Green (2%)
-  Blue (49%)






-  Red (15%)
-  Yellow (2%)
-  Blue (49%)



-  Cyan (69%)
-  Magenta (96%)
-  Yellow (0%)
-  Black (51%)



-  Cyan (85%)
-  Magenta (98%)
-  Yellow (51%)

Brightness & Saturation Gradients

These gradients show how the Hex color 27057E 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 27057E by changing the saturation by 10% instead.

 27057E

 27057E

 FFF4FF

 000064

 6339B4

 00004B

 7F52D0

 000434

 9C6BED

 00021E

 B885FF

 000000

 D5A0FF

 F3BBFF

 FFD7FF

 27057E

 27057E

■ 23007E

■ 30127E

■ 391E7E

■ 422B7E

■ 4B377E

■ 54447E

■ 5D517E

■ 665D7E

■ 6F6A7E

■ 79767E

Harmonies

Analogous

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



002E96



27057E



6B0050

Triad

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



27057E



4F1100



003835

Complementary

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



27057E



5C7E05

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.



003700



27057E



242A00

Square

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



27057E



6D0000



003300



003A6A

Rectangle

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



27057E



78002D



003300



003823

Sweetspot

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



27057E



8174A3



055E7E



3D3552



D1D1D1



525252

Same Dimension

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



27057E



2E00A3



62057E



3B3940



240080



000000

Inverse Universe

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



7E055C



A30075



217E05



40393E



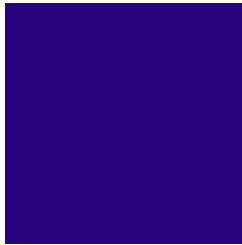
80005C



000000

Previews

White Background



This preview shows how the Hex color 27057E looks on a white background.

Color Contrast Check

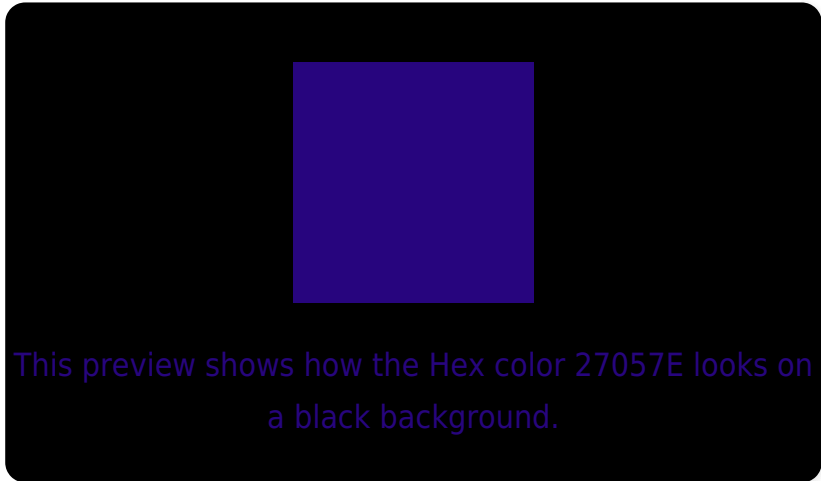
Large Text (above 18pt) WCAG AA ✓ Pass

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

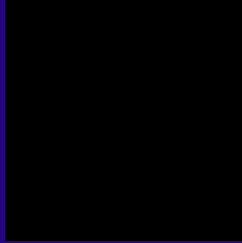
Any Text WCAG AA × Fail

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 27057E Background



This preview shows how black text looks on a background with the Hex color 27057E.



This preview shows how white text looks on a background with the Hex color 27057E.

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
27057E

Protanopia
002955

Deuteranopia
002B48

Trichromacy



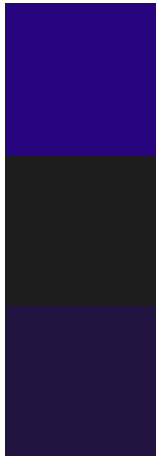
Original Color
27057E

Protanomaly
0E1C64

Deuteranomaly
0E1D5C

Tritanomaly
0E204E

Monochromacy



Original Color
27057E

Achromatopsia
1D1D1D

Achromatomaly
211440

CSS Examples

Text

The CSS property to change the color of the text to Hex 27057E 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 #27057E looks like.

```
.text, #text, p{  
    color:#27057E  
}
```

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 #27057E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #27057E
}
```

Border

The CSS property to change the border of an element to Hex 27057E is called "border". The border property can be set on classes, ids or directly on the HTML element.

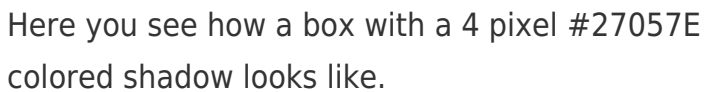
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#27057E }
```

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

```
.border{ border-color:#27057E }
```

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



Here you see how a box with a 4 pixel #27057E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #27057E; -webkit-box-shadow:4px 4px  
4px 4px #27057E; box-shadow:4px 4px 4px  
4px #27057E }
```

Background

The CSS property to change the background color of an element to Hex 27057E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#27057E }
```

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

```
.background{ background-color:#27057E }
```

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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