

Converting Colors

Hex(50277F)

Have a look what the booklet for
Hex(50277F) contains.

Hex(50277F)	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(50277F)

Conversions

Conversions Part 1

Format	Color
Hex	50277F
RGB	80, 39, 127
RGB Percent	31%, 15%, 50%
CMY	0.6863, 0.8471, 0.5020
CMYK	0.37, 0.69, 0.00, 0.50
HSL	268°, 53%, 33%
HSV	268°, 69%, 50%
XYZ	7.8645, 4.6888, 20.5692
YIQ	61.2910, -3.8120, 36.0600

Conversions

Conversions Part 2

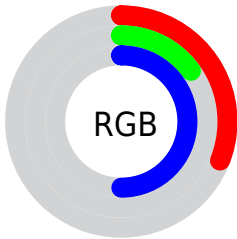
Format	Color
R_{YB}	80, 39, 127
Decimal	5252991
CIE _{Lab}	25.83, 37.58, -42.64
CIE _{LCh}	26, 56.836, 311.392
Yxy	4.6888, 0.2374, 0.1416
Android (android.graphics.Color)	4283443071 (0xFF50277F)
YUV	61.2910, 32.3945, 16.4078
Hunter-Lab	21.6537, 26.9367, -41.1630

Details

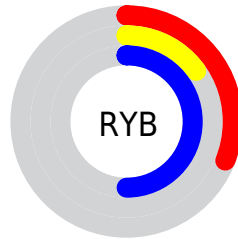
The Hex color **50277F** is a dark color, and the websafe version is hex **663399**. A complement of this color would be **567F27**, and the grayscale version is **3D3D3D**.

A 20% lighter version of the original color is **8557B4**, and **1B004D** is the 20% darker color. If you saturate the color by 10%, you get **491A7F**, and if you desaturate by 10%, it is **57347F**.

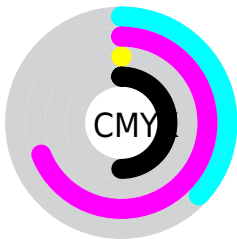
Distribution



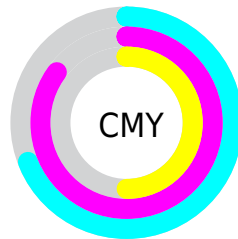
- Red (31%)
- Green (15%)
- Blue (50%)



- Red (31%)
- Yellow (15%)
- Blue (50%)



- Cyan (37%)
- Magenta (69%)
- Yellow (0%)
- Black (50%)



- Cyan (69%)
- Magenta (85%)
- Yellow (50%)

Brightness & Saturation Gradients

These gradients show how the Hex color 50277F 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 50277F by changing the saturation by 10% instead.

■ 50277F

■ 50277F

FFFFFF

■ 360F65

■ 8557B4

■ 1B004D

■ A070D0

■ 000036

■ BC8AED

■ 00021F

■ D9A5FF

■ 000002

■ F6C1FF

■ 000000

■ FFDDFF

■ FFF9FF

■ 50277F

■ 50277F

■ 491A7F

■ 57347F

■ 420E7F

■ 5E407F

■ 3C017F

■ 644D7F

■ 3B007F

■ 6B5A7F

■ 72667F

■ 79737F

■ 7F807F

■ 868D7F

■ 8D997F

Harmonies

Analogous

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



003E94



50277F



7A005A

Triad

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



50277F



613100



004E4D

Complementary

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



50277F



567F27

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.



004D1F



50277F



3D4100

Square

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



50277F



7B1301



004900



004E76

Rectangle

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



50277F



84003D



004900



004E3E

Sweetspot

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



50277F



9383A6



27577F



493F54



D4D4D4



545454

Same Dimension

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



50277F



5C1CA6



7B277F



3C3940



3B0080



000000

Inverse Universe

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



7F2756



A61C66



2B7F27



40393D



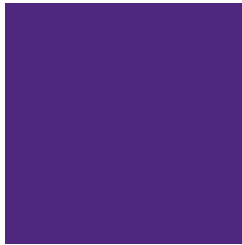
800044



000000

Previews

White Background



This preview shows how the Hex color 50277F 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

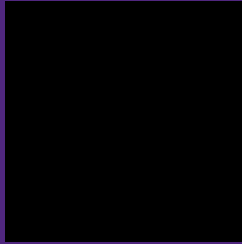
Any Text WCAG AA × Fail

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 50277F Background



This preview shows how black text looks on a background with the Hex color 50277F.



This preview shows how white text looks on a background with the Hex color 50277F.

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
50277F

Protanopia
003C7E

Deuteranopia
003F6E



Tritanopia
433C40

Trichromacy



Original Color
50277F

Protanomaly
1D347E

Deuteranomaly
1D3674

Tritanomaly
483457

Monochromacy



Original Color
50277F

Achromatopsia
3D3D3D

Achromatomaly
443555

CSS Examples

Text

The CSS property to change the color of the text to Hex 50277F 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 #50277F looks like.

```
.text, #text, p{  
    color:#50277F  
}
```

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 #50277F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #50277F
}
```

Border

The CSS property to change the border of an element to Hex 50277F is called "border". The border property can be set on classes, ids or directly on the HTML element.

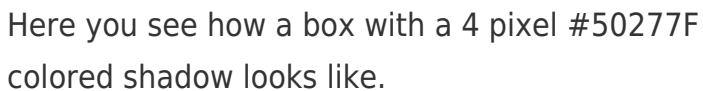
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#50277F }
```

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

```
.border{ border-color:#50277F }
```

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



Here you see how a box with a 4 pixel #50277F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #50277F; -webkit-box-shadow:4px 4px  
4px 4px #50277F; box-shadow:4px 4px 4px  
4px #50277F }
```

Background

The CSS property to change the background color of an element to Hex 50277F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#50277F }
```

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

```
.background{ background-color:#50277F }
```

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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