

Converting Colors

Hex(56277E)

Have a look what the booklet for
Hex(56277E) contains.

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Color

Hex(56277E)

Conversions

Conversions Part 1

Format	Color
Hex	56277E
RGB	86, 39, 126
RGB Percent	34%, 15%, 49%
CMY	0.6627, 0.8471, 0.5059
CMYK	0.32, 0.69, 0.00, 0.51
HSL	272°, 53%, 32%
HSV	272°, 69%, 49%
XYZ	8.3292, 4.9358, 20.2524
YIQ	62.9710, 0.0850, 37.0210

Conversions

Conversions Part 2

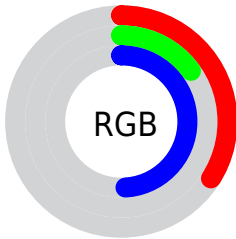
Format	Color
R_{YB}	86, 39, 126
Decimal	5646206
CIE _{Lab}	26.55, 38.68, -40.80
CIE _{LCh}	27, 56.220, 313.469
Yxy	4.9358, 0.2485, 0.1473
Android (android.graphics.Color)	4283836286 (0xFF56277E)
YUV	62.9710, 31.0733, 20.1964
Hunter-Lab	22.2167, 28.0413, -38.4960

Details

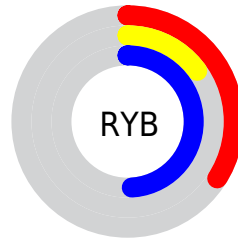
The Hex color **56277E** is a dark color, and the websafe version is hex **663399**. A complement of this color would be **4F7E27**, and the grayscale version is **3F3F3F**.

A 20% lighter version of the original color is **8B58B3**, and **22004C** is the 20% darker color. If you saturate the color by 10%, you get **501A7E**, and if you desaturate by 10%, it is **5C347E**.

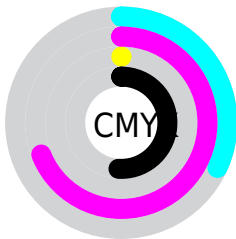
Distribution



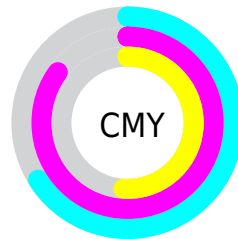
- Red (34%)
- Green (15%)
- Blue (49%)



- Red (34%)
- Yellow (15%)
- Blue (49%)



- Cyan (32%)
- Magenta (69%)
- Yellow (0%)
- Black (51%)



- Cyan (66%)
- Magenta (85%)
- Yellow (51%)

Brightness & Saturation Gradients

These gradients show how the Hex color 56277E 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 56277E by changing the saturation by 10% instead.

■ 56277E

■ 56277E

FFFFFF

■ 3C0E65

■ 8B58B3

■ 22004C

■ A671CF

■ 080035

■ C28BEC

■ 00021E

■ DFA6FF

■ 000001

■ FCC1FF

■ 000000

■ FFDEFF

■ FFFAFF

■ 56277E

■ 56277E

■ 501A7E

■ 5C347E

■ 4A0E7E

■ 62407E

■ 45017E

■ 674D7E

■ 44007E

■ 6D597E

■ 73667E

■ 79737E

■ 7F7F7E

■ 848C7E

■ 8A987E

Harmonies

Analogous

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



003E94



56277E



7D0058

Triad

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



56277E



613400



005052

Complementary

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



56277E



4F7E27

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.



004F24



56277E



3C4300

Square

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



56277E



7B1900



004B00



004F7A

Rectangle

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



56277E



86003C



004B00



005043

Sweetspot

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



56277E



9381A3



27507E



483D52



D1D1D1



525252

Same Dimension

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



56277E



651CA3



7E277B



3D3940



450080



000000

Inverse Universe

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



7E274F



A31C5A



277E2A



40393C



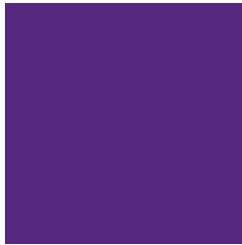
80003B



000000

Previews

White Background



This preview shows how the Hex color 56277E looks on a white background.

Color Contrast Check

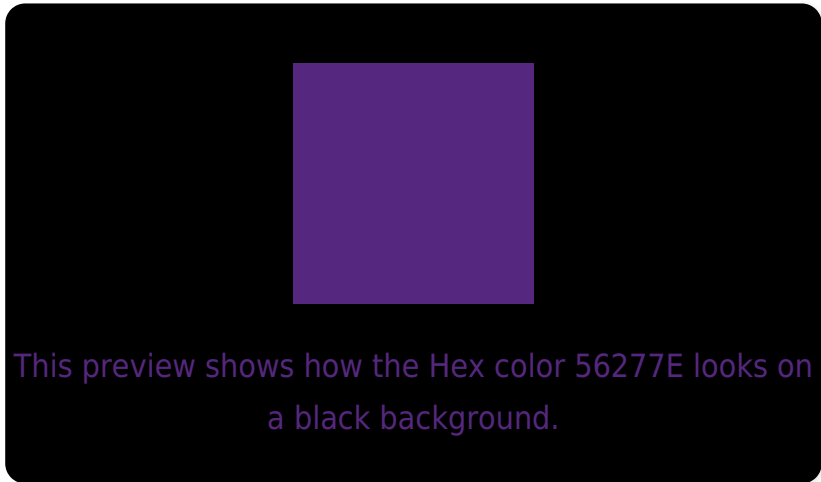
Large Text (above 18pt) WCAG AA ✓ Pass

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

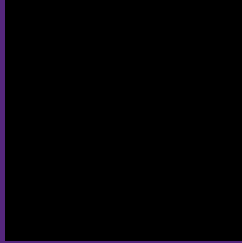
Any Text WCAG AA × Fail

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 56277E Background



This preview shows how black text looks on a background with the Hex color 56277E.



This preview shows how white text looks on a background with the Hex color 56277E.

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
56277E

Protanopia
003D82

Deuteranopia
004172



Tritanopia
4B3B40

Trichromacy



Original Color
56277E

Protanomaly
1F3581

Deuteranomaly
1F3876

Tritanomaly
4F3457

Monochromacy



Original Color
56277E

Achromatopsia
3F3F3F

Achromatomaly
473656

CSS Examples

Text

The CSS property to change the color of the text to Hex 56277E 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 #56277E looks like.

```
.text, #text, p{  
    color:#56277E  
}
```

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 #56277E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #56277E
}
```

Border

The CSS property to change the border of an element to Hex 56277E is called "border". The border property can be set on classes, ids or directly on the HTML element.

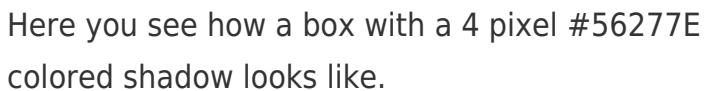
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#56277E }
```

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

```
.border{ border-color:#56277E }
```

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



Here you see how a box with a 4 pixel #56277E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #56277E; -webkit-box-shadow:4px 4px  
4px 4px #56277E; box-shadow:4px 4px 4px  
4px #56277E }
```

Background

The CSS property to change the background color of an element to Hex 56277E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#56277E }
```

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

```
.background{ background-color:#56277E }
```

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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