

# Converting Colors

Hex(56207E)

Have a look what the booklet for  
Hex(56207E) contains.

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# Color

**Hex(56207E)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	56207E
RGB	86, 32, 126
RGB Percent	34%, 13%, 49%
CMY	0.6627, 0.8745, 0.5059
CMYK	0.32, 0.75, 0.00, 0.51
HSL	274°, 59%, 31%
HSV	274°, 75%, 49%
XYZ	8.1202, 4.5178, 20.1827
YIQ	58.8620, 2.0100, 40.6820

# Conversions

## Conversions Part 2

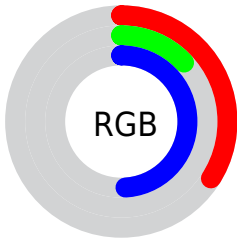
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	86, 32, 126
Decimal	5644414
CIE <sub>Lab</sub>	25.31, 42.14, -42.80
CIE <sub>LCh</sub>	25, 60.062, 314.550
Yxy	4.5178, 0.2474, 0.1377
Android (android.graphics.Color)	4283834494 (0xFF56207E)
YUV	58.8620, 33.0990, 23.8000
Hunter-Lab	21.2552, 30.9963, -41.4199

# Details

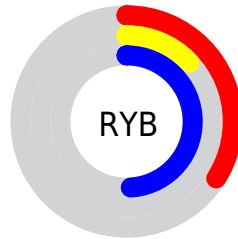
The Hex color **56207E** is a dark color, and the websafe version is hex **663399**. A complement of this color would be **487E20**, and the grayscale version is **3B3B3B**.

A 20% lighter version of the original color is **8B52B3**, and **22004C** is the 20% darker color. If you saturate the color by 10%, you get **51137E**, and if you desaturate by 10%, it is **5B2D7E**.

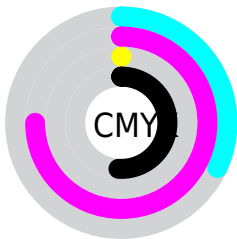
# Distribution



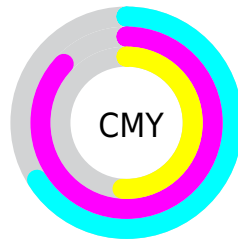
- Red (34%)
- Green (13%)
- Blue (49%)



- Red (34%)
- Yellow (13%)
- Blue (49%)



- Cyan (32%)
- Magenta (75%)
- Yellow (0%)
- Black (51%)



- Cyan (66%)
- Magenta (87%)
- Yellow (51%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 56207E 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 56207E by changing the saturation by 10% instead.



■ 56207E

■ 56207E

FFFFFF

■ 3C0465

■ 8B52B3

■ 22004C

■ A76BCF

■ 030035

■ C385EC

■ 00021E

■ E0A0FF

■ 000001

■ FDBBFF

■ 000000

■ FFD7FF

■ FFF4FF

■ 56207E

■ 56207E

■ 51137E

■ 5B2D7E

■ 4B077E

■ 61397E

■ 48007E

■ 66467E

■ 6B527E

■ 715F7E

■ 766C7E

■ 7C787E

■ 81857E

■ 86917E

# Harmonies

## Analogous

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



003B96



56207E



7E0055

# Triad

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



56207E



5D3100



004E52

# Complementary

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



56207E



487E20

# 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.



004C22



56207E



364100

# Square

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



56207E



7A1100



004900



004D7C

# Rectangle

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



56207E



870037



004900



004D42



# Sweetspot

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



56207E



947FA3



20497E



493C52



D1D1D1



525252



# Same Dimension

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



56207E



6510A3



7E2078



3D3940



490080



000000



# Inverse Universe

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



7E2048



A3104F



207E26



40393C



800036

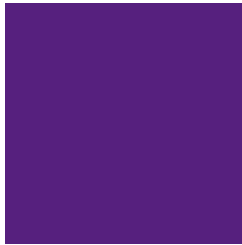


000000



# Previews

## White Background



This preview shows how the Hex color 56207E looks on a white background.

## Color Contrast Check

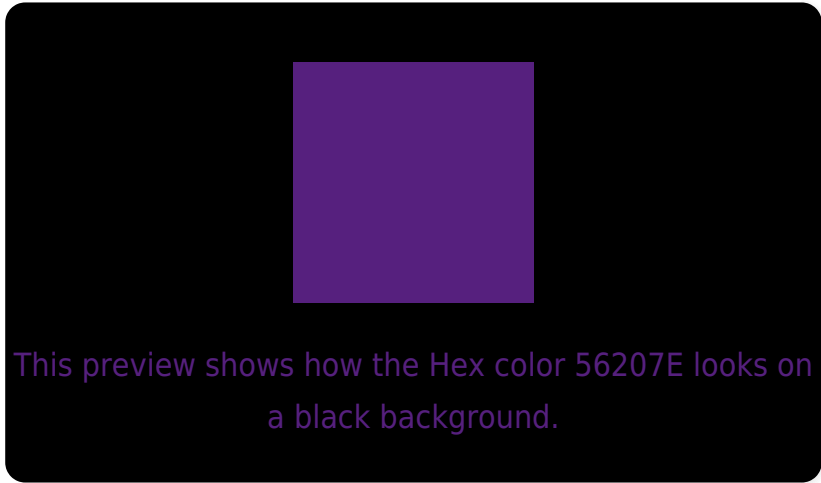
Large Text (above 18pt) WCAG AA ✓ Pass

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

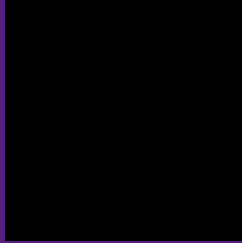
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 56207E Background



This preview shows how black text looks on a background with the Hex color 56207E.

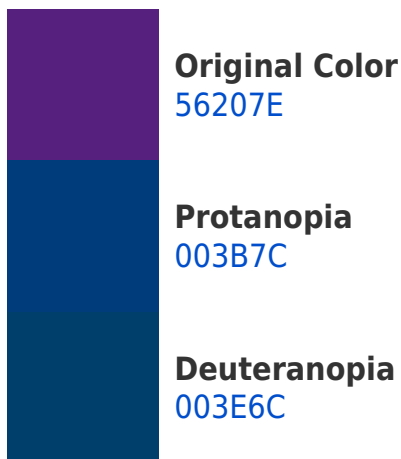


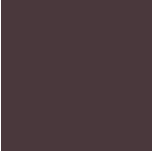
This preview shows how white text looks on a background with the Hex color 56207E.

# 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**  
4A383C

# Trichromacy



**Original Color**  
56207E

**Protanomaly**  
1F317D

**Deuteranomaly**  
1F3373

**Tritanomaly**  
4E2F54

# Monochromacy



**Original Color**  
56207E

**Achromatopsia**  
3B3B3B

**Achromatomaly**  
453153

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 56207E 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 #56207E looks like.

```
.text, #text, p{  
    color:#56207E  
}
```

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 #56207E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #56207E
}
```

## Border

The CSS property to change the border of an element to Hex 56207E is called "border". The border property can be set on classes, ids or directly on the HTML element.

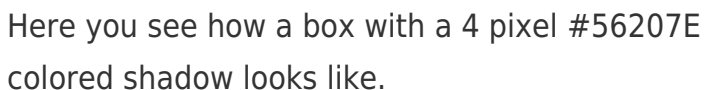
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#56207E }
```

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

```
.border{ border-color:#56207E }
```

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



Here you see how a box with a 4 pixel #56207E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #56207E; -webkit-box-shadow:4px 4px  
4px 4px #56207E; box-shadow:4px 4px 4px  
4px #56207E }
```

# Background

The CSS property to change the background color of an element to Hex 56207E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#56207E }
```

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

```
.background{ background-color:#56207E }
```

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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