

Converting Colors

Hex(59227D)

Have a look what the booklet for
Hex(59227D) contains.

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Color

Hex(59227D)

Conversions

Conversions Part 1

Format	Color
Hex	59227D
RGB	89, 34, 125
RGB Percent	35%, 13%, 49%
CMY	0.6510, 0.8667, 0.5098
CMYK	0.29, 0.73, 0.00, 0.51
HSL	276°, 57%, 31%
HSV	276°, 73%, 49%
XYZ	8.3935, 4.7486, 19.8762
YIQ	60.8190, 3.5690, 39.9610

Conversions

Conversions Part 2

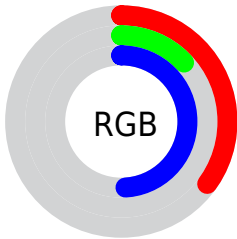
Format	Color
R_{YB}	89, 34, 125
Decimal	5841533
CIE _{Lab}	26.01, 41.60, -41.03
CIE _{LCh}	26, 58.428, 315.393
Yxy	4.7486, 0.2542, 0.1438
Android (android.graphics.Color)	4284031613 (0xFF59227D)
YUV	60.8190, 31.6412, 24.7147
Hunter-Lab	21.7912, 30.6199, -38.8258

Details

The Hex color **59227D** is a dark color, and the websafe version is hex **663399**. A complement of this color would be **467D22**, and the grayscale version is **3D3D3D**.

A 20% lighter version of the original color is **8E54B2**, and **26004B** is the 20% darker color. If you saturate the color by 10%, you get **54167D**, and if you desaturate by 10%, it is **5E2F7D**.

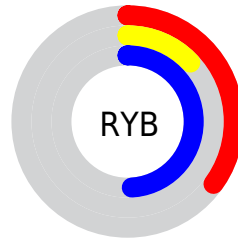
Distribution



Red (35%)

Green (13%)

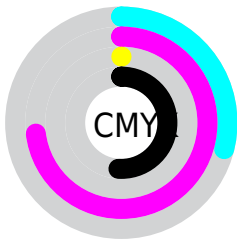
Blue (49%)



Red (35%)

Yellow (13%)

Blue (49%)

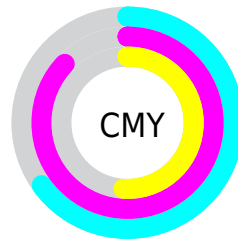


Cyan (29%)

Magenta (73%)

Yellow (0%)

Black (51%)



Cyan (65%)

Magenta (87%)

Yellow (51%)

Brightness & Saturation Gradients

These gradients show how the Hex color 59227D 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 59227D by changing the saturation by 10% instead.

■ 59227D

■ 59227D

FFFFFF

■ 3F0664

■ 8E54B2

■ 26004B

■ AA6DCE

■ 0B0034

■ C687EB

■ 00021E

■ E3A2FF

■ 000000

■ FFBDFD

■ FFDAFF

■ FFF7FF

■ 59227D

■ 59227D

■ 54167D

■ 5E2F7D

■ 4F097D

■ 633B7D

■ 4C007D

■ 68487D

■ 6D547D

■ 72617D

■ 776D7D

■ 7C7A7D

■ 81867D

■ 86937D

Harmonies

Analogous

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



003C95



59227D



7F0055

Triad

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



59227D



5E3400



004F54

Complementary

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



59227D



467D22

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.



004E25



59227D



374300

Square

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



59227D



7A1700



004A00



004F7D

Rectangle

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



59227D



870038



004A00



004F45

Sweetspot

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



59227D



957FA3



22467D



493C52



D1D1D1



525252

Same Dimension

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



59227D



6B15A3



7D2274



3D3940



4D0080



000000

Inverse Universe

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



7D2246



A3154D



227D2B



40393C



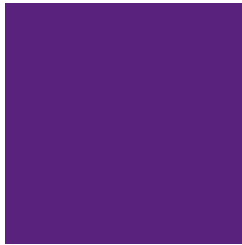
800032



000000

Previews

White Background



This preview shows how the Hex color 59227D 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

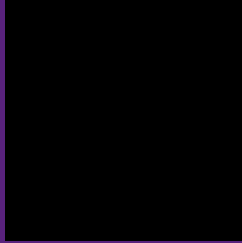
Any Text WCAG AA × Fail

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 59227D Background



This preview shows how black text looks on a background with the Hex color 59227D.

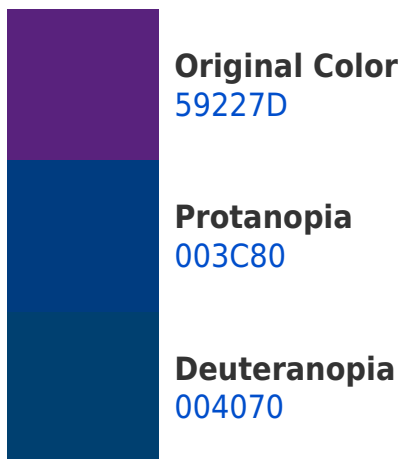


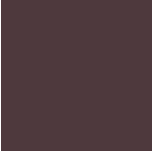
This preview shows how white text looks on a background with the Hex color 59227D.

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
4E393D

Trichromacy



Original Color
59227D

Protanomaly
20337F

Deuteranomaly
203575

Tritanomaly
523154

Monochromacy



Original Color
59227D

Achromatopsia
3D3D3D

Achromatomaly
473354

CSS Examples

Text

The CSS property to change the color of the text to Hex 59227D 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 #59227D looks like.

```
.text, #text, p{  
    color:#59227D  
}
```

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 #59227D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #59227D
}
```

Border

The CSS property to change the border of an element to Hex 59227D is called "border". The border property can be set on classes, ids or directly on the HTML element.

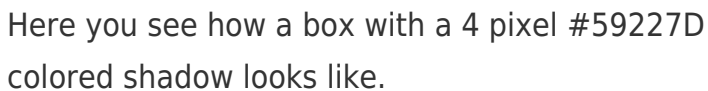
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#59227D }
```

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

```
.border{ border-color:#59227D }
```

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



Here you see how a box with a 4 pixel #59227D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #59227D; -webkit-box-shadow:4px 4px  
4px 4px #59227D; box-shadow:4px 4px 4px  
4px #59227D }
```

Background

The CSS property to change the background color of an element to Hex 59227D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#59227D }
```

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

```
.background{ background-color:#59227D }
```

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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