

# Converting Colors

Hex(55267E)

Have a look what the booklet for  
Hex(55267E) contains.

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# Color

**Hex(55267E)**

# Conversions

## Conversions Part 1

Format	Color
Hex	55267E
RGB	85, 38, 126
RGB Percent	33%, 15%, 49%
CMY	0.6667, 0.8510, 0.5059
CMYK	0.33, 0.70, 0.00, 0.51
HSL	272°, 54%, 32%
HSV	272°, 70%, 49%
XYZ	8.2053, 4.8239, 20.2373
YIQ	62.0850, -0.2360, 37.3320

# Conversions

## Conversions Part 2

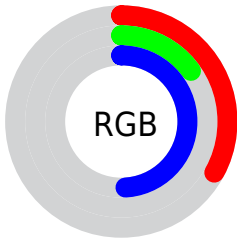
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	85, 38, 126
Decimal	5580414
CIE <sub>Lab</sub>	26.23, 38.97, -41.33
CIE <sub>LCh</sub>	26, 56.806, 313.314
Yxy	4.8239, 0.2467, 0.1450
Android (android.graphics.Color)	4283770494 (0xFF55267E)
YUV	62.0850, 31.5101, 20.0965
Hunter-Lab	21.9633, 28.2503, -39.2562

# Details

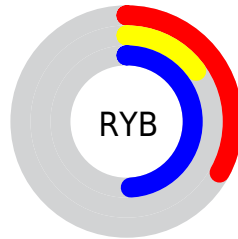
The Hex color **55267E** is a dark color, and the websafe version is hex **663399**. A complement of this color would be **4F7E26**, and the grayscale version is **3E3E3E**.

A 20% lighter version of the original color is **8A57B3**, and **21004C** is the 20% darker color. If you saturate the color by 10%, you get **4F197E**, and if you desaturate by 10%, it is **5B337E**.

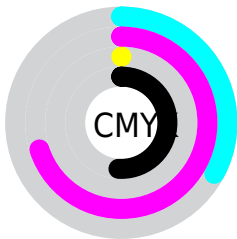
# Distribution



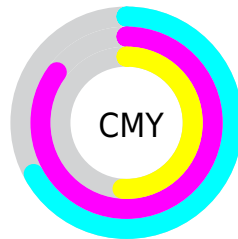
- Red (33%)
- Green (15%)
- Blue (49%)



- Red (33%)
- Yellow (15%)
- Blue (49%)



- Cyan (33%)
- Magenta (70%)
- Yellow (0%)
- Black (51%)



- Cyan (67%)
- Magenta (85%)
- Yellow (51%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 55267E 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 55267E by changing the saturation by 10% instead.



 55267E

 55267E

FFFFFF

 3B0D65

 8A57B3

 21004C

 A570CF

 050035

 C18AEC

 00021E

 DEA5FF

 000001

 FBC0FF

 000000

 FFDDFF

 FFF9FF

 55267E

 55267E

■ 4F197E

■ 5B337E

■ 490D7E

■ 613F7E

■ 43007E

■ 674C7E

■ 6C587E

■ 72657E

■ 78727E

■ 7E7E7E

■ 848B7E

■ 8A977E

# Harmonies

## Analogous

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



003E94



55267E



7D0058

# Triad

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



55267E



603300



004F51

# Complementary

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



55267E



4F7E26

# 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.



004E23



55267E



3C4200

# Square

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



55267E



7B1700



004A00



004F79

# Rectangle

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



55267E



86003B



004A00



004F42



# Sweetspot

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



55267E



9381A3



264F7E



483D52



D1D1D1



525252



# Same Dimension

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



55267E



631AA3



7E267B



3D3940



440080



000000



# Inverse Universe

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



7E264F



A31A5A



267E29



40393C



80003B

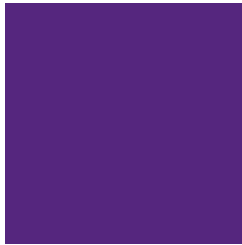


000000



# Previews

## White Background



This preview shows how the Hex color 55267E 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

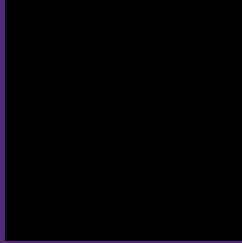
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 55267E Background



This preview shows how black text looks on a background with the Hex color 55267E.

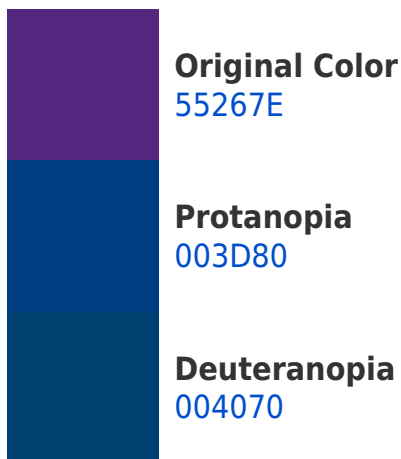


This preview shows how white text looks on a background with the Hex color 55267E.

# 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**  
493B3F

# Trichromacy



**Original Color**  
55267E

**Protanomaly**  
1F357F

**Deuteranomaly**  
1F3775

**Tritanomaly**  
4D3356

# Monochromacy



**Original Color**  
55267E

**Achromatopsia**  
3E3E3E

**Achromatomaly**  
463555

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 55267E 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 #55267E looks like.

```
.text, #text, p{  
    color:#55267E  
}
```

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 #55267E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #55267E
}
```

## Border

The CSS property to change the border of an element to Hex 55267E is called "border". The border property can be set on classes, ids or directly on the HTML element.

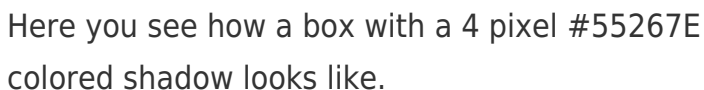
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#55267E }
```

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

```
.border{ border-color:#55267E }
```

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



Here you see how a box with a 4 pixel #55267E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #55267E; -webkit-box-shadow:4px 4px  
4px 4px #55267E; box-shadow:4px 4px 4px  
4px #55267E }
```

# Background

The CSS property to change the background color of an element to Hex 55267E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#55267E }
```

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

```
.background{ background-color:#55267E }
```

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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