

# Converting Colors

Hex(63167E)

Have a look what the booklet for  
Hex(63167E) contains.

<b>Hex(63167E)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	11
<b><i>Previews</i></b> .....	23
<b><i>Color Blindness Simulation</i></b> .....	26
<b><i>CSS Examples</i></b> .....	29

# Color

**Hex(63167E)**

# Conversions

## Conversions Part 1

Format	Color
Hex	63167E
RGB	99, 22, 126
RGB Percent	39%, 9%, 49%
CMY	0.6118, 0.9137, 0.5059
CMYK	0.21, 0.83, 0.00, 0.51
HSL	284°, 70%, 29%
HSV	284°, 83%, 49%
XYZ	9.1984, 4.7328, 20.1674
YIQ	56.8790, 12.5080, 48.6680

# Conversions

## Conversions Part 2

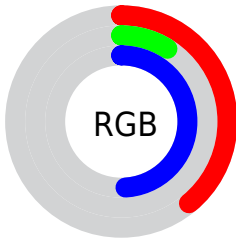
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	99, 22, 126
Decimal	6493822
CIE <sub>Lab</sub>	25.96, 48.70, -41.66
CIE <sub>LCh</sub>	26, 64.088, 319.453
Yxy	4.7328, 0.2698, 0.1388
Android (android.graphics.Color)	4284683902 (0xFF63167E)
YUV	56.8790, 34.0767, 36.9401
Hunter-Lab	21.7551, 37.4014, -39.7345

# Details

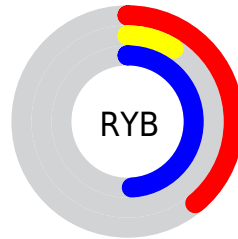
The Hex color **63167E** is a dark color, and the websafe version is hex **663399**. A complement of this color would be **317E16**, and the grayscale version is **393939**.

A 20% lighter version of the original color is **994CB3**, and **2F004C** is the 20% darker color. If you saturate the color by 10%, you get **60097E**, and if you desaturate by 10%, it is **66237E**.

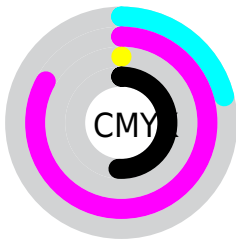
# Distribution



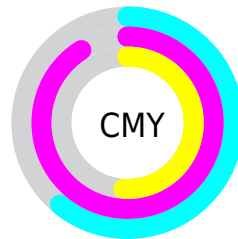
- Red (39%)
- Green (9%)
- Blue (49%)



- Red (39%)
- Yellow (9%)
- Blue (49%)



- Cyan (21%)
- Magenta (83%)
- Yellow (0%)
- Black (51%)



- Cyan (61%)
- Magenta (91%)
- Yellow (51%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 63167E 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 63167E by changing the saturation by 10% instead.



 63167E

 63167E

FFFFFF

 490065

 994CB3

 2F004C

 B566CF

 170035

 D281EC

 00021E

 EF9CFF

 000001

 FFB7FF

 000000

 FFD3FF

 FFF0FF

 63167E

 63167E

60097E

66237E

5D007E

6A2F7E

6D3C7E

70487E

73557E

77627E

7A6E7E

7D7B7E

80877E

# Harmonies

## Analogous

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



00399C



63167E



880051

# Triad

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



63167E



5A3500



00505D

# Complementary

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



63167E



317E16

# 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.



004F2A



63167E



2E4500

# Square

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



63167E



7B1500



004C00



004F88

# Rectangle

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



63167E



8E0031



004C00



00504C



# Sweetspot

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



63167E



997AA3



16327E



4B3952



D1D1D1



525252



# Same Dimension

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



63167E



7902A3



7E1666



3E3940



5E0080



000000



# Inverse Universe

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



7E1631



A3022C



167E2E



40393B



800021

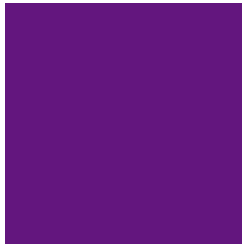


000000



# Previews

## White Background



This preview shows how the Hex color 63167E looks on a white background.

## Color Contrast Check

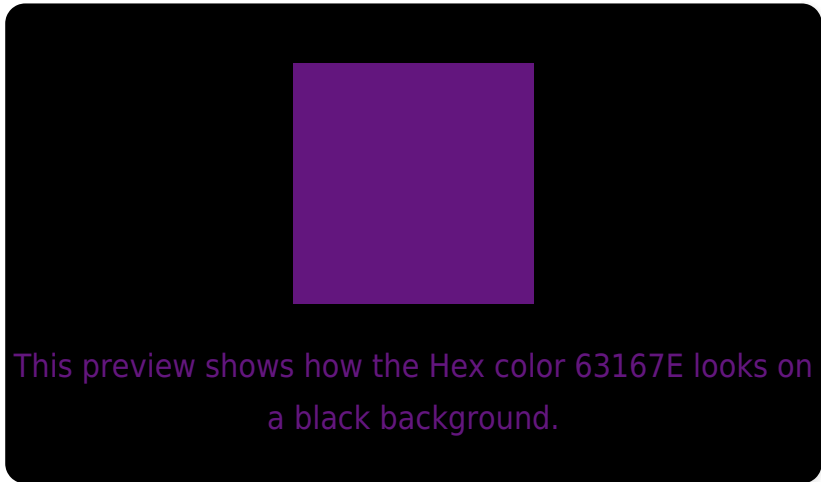
Large Text (above 18pt) WCAG AA ✓ Pass

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

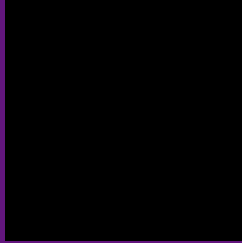
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 63167E Background



This preview shows how black text looks on a background with the Hex color 63167E.

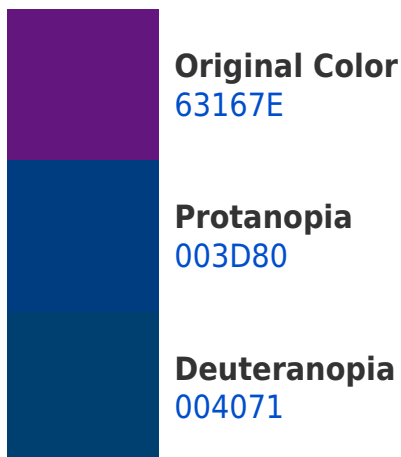



This preview shows how white text looks on a background with the Hex color 63167E.

# 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**  
593438

# Trichromacy



**Original Color**  
63167E

**Protanomaly**  
242F7F

**Deuteranomaly**  
243176

**Tritanomaly**  
5D2951

# Monochromacy



**Original Color**  
63167E

**Achromatopsia**  
393939

**Achromatomaly**  
482C52

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 63167E 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 #63167E looks like.

```
.text, #text, p{  
    color:#63167E  
}
```

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 #63167E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #63167E
}
```

## Border

The CSS property to change the border of an element to Hex 63167E is called "border". The border property can be set on classes, ids or directly on the HTML element.

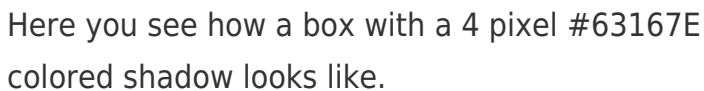
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#63167E }
```

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

```
.border{ border-color:#63167E }
```

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



Here you see how a box with a 4 pixel #63167E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #63167E; -webkit-box-shadow:4px 4px  
4px 4px #63167E; box-shadow:4px 4px 4px  
4px #63167E }
```

# Background

The CSS property to change the background color of an element to Hex 63167E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#63167E }
```

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

```
.background{ background-color:#63167E }
```

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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