

Converting Colors

Hex(61247F)

Have a look what the booklet for
Hex(61247F) contains.

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Color

Hex(61247F)

Conversions

Conversions Part 1

Format	Color
Hex	61247F
RGB	97, 36, 127
RGB Percent	38%, 14%, 50%
CMY	0.6196, 0.8588, 0.5020
CMYK	0.24, 0.72, 0.00, 0.50
HSL	280°, 56%, 32%
HSV	280°, 72%, 50%
XYZ	9.3914, 5.3354, 20.6135
YIQ	64.6130, 7.1450, 41.2330

Conversions

Conversions Part 2

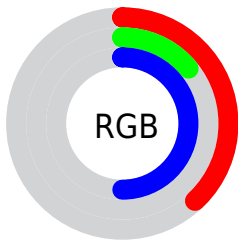
Format	Color
R_{YB}	97, 36, 127
Decimal	6366335
CIE _{Lab}	27.67, 42.92, -39.55
CIE _{LCh}	28, 58.363, 317.343
Yxy	5.3354, 0.2657, 0.1510
Android (android.graphics.Color)	4284556415 (0xFF61247F)
YUV	64.6130, 30.7568, 28.4034
Hunter-Lab	23.0986, 32.1519, -36.7423

Details

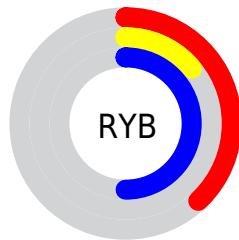
The Hex color **61247F** is a dark color, and the websafe version is hex **663399**. A complement of this color would be **427F24**, and the grayscale version is **404040**.

A 20% lighter version of the original color is **9756B4**, and **2D004D** is the 20% darker color. If you saturate the color by 10%, you get **5D177F**, and if you desaturate by 10%, it is **65317F**.

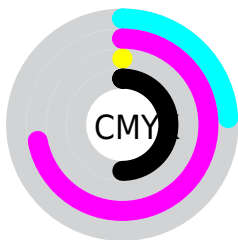
Distribution



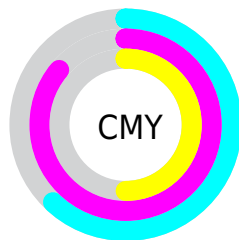
- Red (38%)
- Green (14%)
- Blue (50%)



- Red (38%)
- Yellow (14%)
- Blue (50%)



- Cyan (24%)
- Magenta (72%)
- Yellow (0%)
- Black (50%)



- Cyan (62%)
- Magenta (86%)
- Yellow (50%)

Brightness & Saturation Gradients

These gradients show how the Hex color 61247F 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 61247F by changing the saturation by 10% instead.

61247F

61247F

FFFFFF

470766

9756B4

2D004D

B270D0

180036

CF8AED

00021F

ECA5FF

000003

FFC1FF

000000

FFDDFF

FFFAFF

61247F

61247F

■ 5D177F

■ 65317F

■ 590B7F

■ 693D7F

■ 55007F

■ 6E4A7F

■ 72577F

■ 76647F

■ 7A707F

■ 7E7D7F

■ 828A7F

■ 87967F

Harmonies

Analogous

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



003E98



61247F



850056

Triad

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



61247F



603900



00535B

Complementary

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



61247F



427F24

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.



00522C



61247F



394700

Square

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



61247F



7E1E00



004F00



005283

Rectangle

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



61247F



8C0039



004F00



00534C

Sweetspot

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



61247F



9A83A6



24427F



4D3F54



D4D4D4



545454

Same Dimension

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



61247F



7717A6



7F2470



3E3940



550080



000000

Inverse Universe

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



7F2442



A61746



247F33



40393B



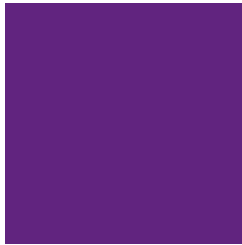
80002A



000000

Previews

White Background



This preview shows how the Hex color 61247F 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

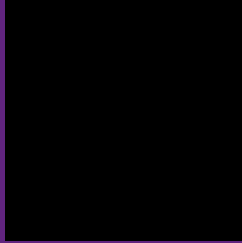
Any Text WCAG AA × Fail

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 61247F Background



This preview shows how black text looks on a background with the Hex color 61247F.



This preview shows how white text looks on a background with the Hex color 61247F.

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
61247F

Protanopia
004087

Deuteranopia
004477



Tritanopia
573A3F

Trichromacy



Original Color
61247F

Protanomaly
233684

Deuteranomaly
23387A

Tritanomaly
5B3256

Monochromacy



Original Color
61247F

Achromatopsia
414141

Achromatomaly
4D3658

CSS Examples

Text

The CSS property to change the color of the text to Hex 61247F 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 #61247F looks like.

```
.text, #text, p{  
    color:#61247F  
}
```

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 #61247F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #61247F
}
```

Border

The CSS property to change the border of an element to Hex 61247F is called "border". The border property can be set on classes, ids or directly on the HTML element.

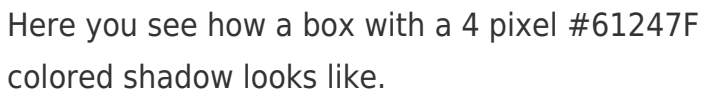
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#61247F }
```

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

```
.border{ border-color:#61247F }
```

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



Here you see how a box with a 4 pixel #61247F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #61247F; -webkit-box-shadow:4px 4px  
4px 4px #61247F; box-shadow:4px 4px 4px  
4px #61247F }
```

Background

The CSS property to change the background color of an element to Hex 61247F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#61247F }
```

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

```
.background{ background-color:#61247F }
```

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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