

Converting Colors

Hex(6A287F)

Have a look what the booklet for
Hex(6A287F) contains.

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Color

Hex(6A287F)

Conversions

Conversions Part 1

Format	Color
Hex	6A287F
RGB	106, 40, 127
RGB Percent	42%, 16%, 50%
CMY	0.5843, 0.8431, 0.5020
CMYK	0.17, 0.69, 0.00, 0.50
HSL	286°, 52%, 33%
HSV	286°, 69%, 50%
XYZ	10.5334, 6.1141, 20.7036
YIQ	69.6520, 11.4090, 41.0490

Conversions

Conversions Part 2

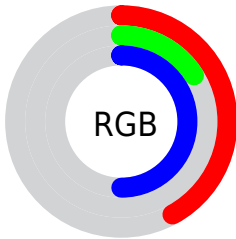
Format	Color
R_{YB}	106, 40, 127
Decimal	6957183
CIE _{Lab}	29.70, 43.19, -36.22
CIE _{LCh}	30, 56.366, 320.019
Y _{xy}	6.1141, 0.2820, 0.1637
Android (android.graphics.Color)	4285147263 (0xFF6A287F)
YUV	69.6520, 28.2726, 31.8772
Hunter-Lab	24.7266, 32.7685, -32.3349

Details

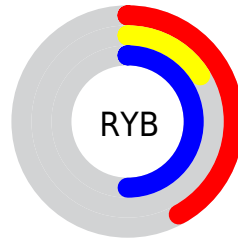
The Hex color **6A287F** is a dark color, and the websafe version is hex **660066**. A complement of this color would be **3D7F28**, and the grayscale version is **454545**.

A 20% lighter version of the original color is **A05BB4**, and **37004D** is the 20% darker color. If you saturate the color by 10%, you get **671B7F**, and if you desaturate by 10%, it is **6D357F**.

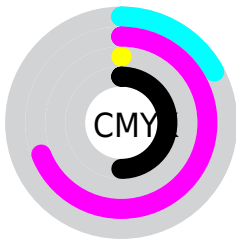
Distribution



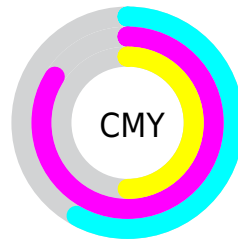
- Red (42%)
- Green (16%)
- Blue (50%)



- Red (42%)
- Yellow (16%)
- Blue (50%)



- Cyan (17%)
- Magenta (69%)
- Yellow (0%)
- Black (50%)



- Cyan (58%)
- Magenta (84%)
- Yellow (50%)

Brightness & Saturation Gradients

These gradients show how the Hex color 6A287F 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 6A287F by changing the saturation by 10% instead.

 6A287F

 6A287F

FFFFFF

 500C66

 A05BB4

 37004D

 BC74D0

 220036

 D88FED

 00021F

 F5AAFF

 000003

 FFC6FF

 000000

 FFE2FF

 6A287F

 6A287F

 671B7F

 6D357F

640F7F

70417F

61027F

734E7F

60007F

765B7F

79687F

7C747F

7F817F

838E7F

869A7F

Harmonies

Analogous

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



004199



6A287F



8A0057

Triad

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



6A287F



633F00



005863

Complementary

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



6A287F



3D7F28

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.



005735



6A287F



3B4D00

Square

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



6A287F



802800



005401



005789

Rectangle

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



6A287F



900039



005401



005854

Sweetspot

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



6A287F



9D83A6



283E7F



4F3F54



D4D4D4



545454

Same Dimension

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



6A287F



851EA6



7F2869



3E3940



610080



000000

Inverse Universe

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



7F283D



A61E3F



287F3E



40393B



80001F



000000

Previews

White Background



This preview shows how the Hex color 6A287F looks on a white background.

Color Contrast Check

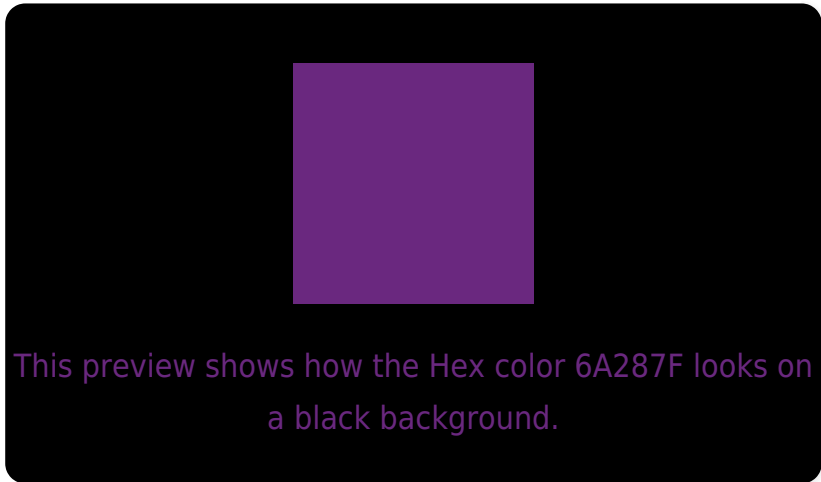
Large Text (above 18pt) WCAG AA ✓ Pass

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

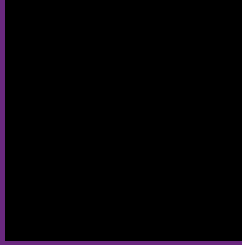
Any Text WCAG AA × Fail

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 6A287F Background



This preview shows how black text looks on a background with the Hex color 6A287F.



This preview shows how white text looks on a background with the Hex color 6A287F.

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
613C41

Trichromacy



Original Color
6A287F

Protanomaly
273A8A

Deuteranomaly
3C3C7B

Tritanomaly
643558

Monochromacy



Original Color
6A287F

Achromatopsia
464646

Achromatomaly
533B5B

CSS Examples

Text

The CSS property to change the color of the text to Hex 6A287F 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 #6A287F looks like.

```
.text, #text, p{  
    color:#6A287F  
}
```

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 #6A287F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6A287F
}
```

Border

The CSS property to change the border of an element to Hex 6A287F is called "border". The border property can be set on classes, ids or directly on the HTML element.

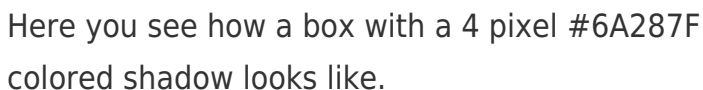
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#6A287F }
```

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

```
.border{ border-color:#6A287F }
```

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



Here you see how a box with a 4 pixel #6A287F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6A287F; -webkit-box-shadow:4px 4px  
4px 4px #6A287F; box-shadow:4px 4px 4px  
4px #6A287F }
```

Background

The CSS property to change the background color of an element to Hex 6A287F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6A287F }
```

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

```
.background{ background-color:#6A287F }
```

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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