

Converting Colors

Hex(6A196A)

Have a look what the booklet for
Hex(6A196A) contains.

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Color

Hex(6A196A)

Conversions

Conversions Part 1

Format	Color
Hex	6A196A
RGB	106, 25, 106
RGB Percent	42%, 10%, 42%
CMY	0.5843, 0.9020, 0.5843
CMYK	0.00, 0.76, 0.00, 0.58
HSL	300°, 62%, 26%
HSV	300°, 76%, 42%
XYZ	8.8930, 4.8000, 14.0935
YIQ	58.4530, 22.2750, 42.3630

Conversions

Conversions Part 2

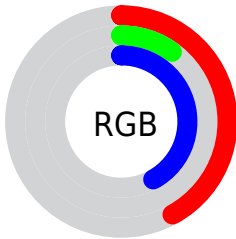
Format	Color
RYB	106, 25, 106
Decimal	6953322
CIELab	26.16, 45.28, -28.48
CIElCh	26, 53.492, 327.826
Yxy	4.8000, 0.3200, 0.1727
Android (android.graphics.Color)	4285143402 (0xFF6A196A)
YUV	58.4530, 23.4407, 41.6987
Hunter-Lab	21.9090, 34.1136, -22.8033

Details

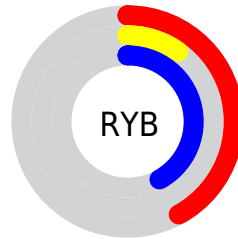
The Hex color **6A196A** is a dark color, and the websafe version is hex **660066**. A complement of this color would be **196A19**, and the grayscale version is **3A3A3A**.

A 20% lighter version of the original color is **A04E9E**, and **37003A** is the 20% darker color. If you saturate the color by 10%, you get **6A0E6A**, and if you desaturate by 10%, it is **6A246A**.

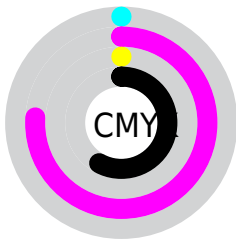
Distribution



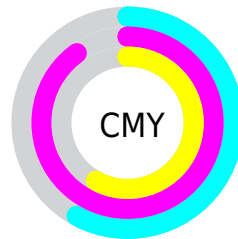
- Red (42%)
- Green (10%)
- Blue (42%)



- Red (42%)
- Yellow (10%)
- Blue (42%)



- Cyan (0%)
- Magenta (76%)
- Yellow (0%)
- Black (58%)



- Cyan (58%)
- Magenta (90%)
- Yellow (58%)

Brightness & Saturation Gradients

These gradients show how the Hex color 6A196A 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 6A196A by changing the saturation by 10% instead.

 6A196A

 6A196A

FFFFFF

 500052

 A04E9E

 37003A

 BC68B9

 200024

 D882D5

 00000B

 F69DF1

 000000

 FFB9FF

 FFD5FF

 FFF2FF

 6A196A

 6A196A

■ 6A0E6A

■ 6A246A

■ 6A046A

■ 6A2E6A

■ 6A006A

■ 6A396A

■ 6A436A

■ 6A4E6A

■ 6A596A

■ 6A636A

■ 6A6E6A

■ 6A786A

Harmonies

Analogous

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



2D3487



6A196A



810043

Triad

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



6A196A



4F3B00



004F63

Complementary

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



6A196A



196A19

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.



004E3A



6A196A



284600

Square

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



6A196A



6E2800



004C0C



004C83

Rectangle

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



6A196A



820028



004C0C



004F56

Sweetspot

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



6A196A



8A6A8A



19196A



453245



C4C4C4



454545

Same Dimension

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



6A196A



8A0B8A



6A1942



363036



750075



F500F5

Inverse Universe

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



6A196A



8A0B8A



196A42



363036



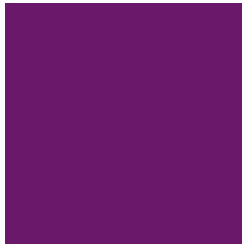
750075



F500F5

Previews

White Background



This preview shows how the Hex color 6A196A looks on a white background.

Color Contrast Check

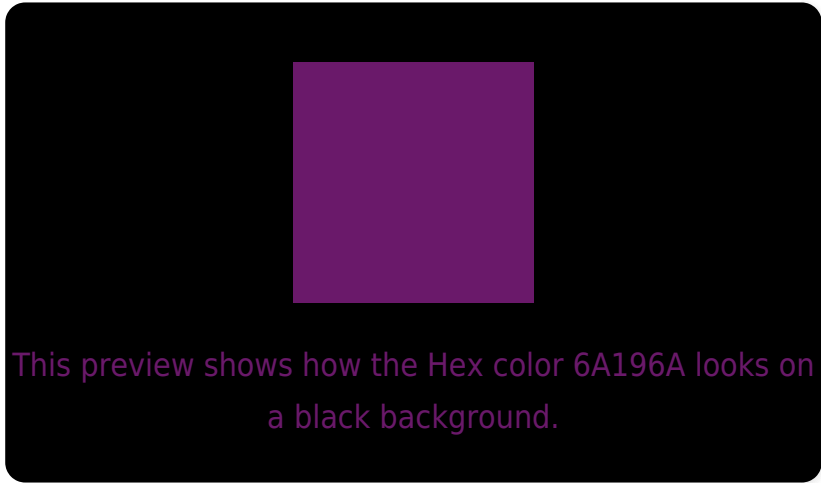
Large Text (above 18pt) WCAG AA ✓ Pass

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

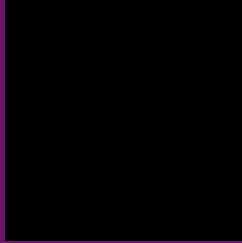
Any Text WCAG AA × Fail

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 6A196A Background



This preview shows how black text looks on a background with the Hex color 6A196A.



This preview shows how white text looks on a background with the Hex color 6A196A.

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
6A196A

Protanopia
003D82

Deuteranopia
2B4064



Tritanopia
642E32

Trichromacy



Original Color
6A196A



Protanomaly
273079



Deuteranomaly
423266



Tritanomaly
662646

Monochromacy



Original Color
6A196A



Achromatopsia
3A3A3A



Achromatomaly
4B2E4B

CSS Examples

Text

The CSS property to change the color of the text to Hex 6A196A 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 #6A196A looks like.

```
.text, #text, p{  
    color:#6A196A  
}
```

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 #6A196A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6A196A
}
```

Border

The CSS property to change the border of an element to Hex 6A196A is called "border". The border property can be set on classes, ids or directly on the HTML element.

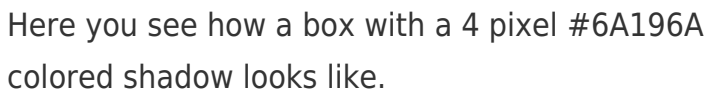
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#6A196A }
```

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

```
.border{ border-color:#6A196A }
```

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



Here you see how a box with a 4 pixel #6A196A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6A196A; -webkit-box-shadow:4px 4px  
4px 4px #6A196A; box-shadow:4px 4px 4px  
4px #6A196A }
```

Background

The CSS property to change the background color of an element to Hex 6A196A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6A196A }
```

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

```
.background{ background-color:#6A196A }
```

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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