

Converting Colors

Hex(6B124F)

Have a look what the booklet for
Hex(6B124F) contains.

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Color

Hex(6B124F)

Conversions

Conversions Part 1

Format	Color
Hex	6B124F
RGB	107, 18, 79
RGB Percent	42%, 7%, 31%
CMY	0.5804, 0.9294, 0.6902
CMYK	0.00, 0.83, 0.26, 0.58
HSL	319°, 71%, 25%
HSV	319°, 83%, 42%
XYZ	7.6910, 4.1229, 7.7876
YIQ	51.5650, 33.4630, 37.8390

Conversions

Conversions Part 2

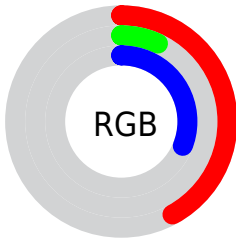
Format	Color
RYB	107, 18, 79
Decimal	7017039
CIELab	24.07, 43.53, -13.93
CIElCh	24, 45.706, 342.260
Yxy	4.1229, 0.3924, 0.2103
Android (android.graphics.Color)	4285207119 (0xFF6B124F)
YUV	51.5650, 13.5255, 48.6165
Hunter-Lab	20.3050, 32.0774, -8.5260

Details

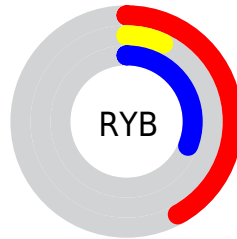
The Hex color **6B124F** is a dark color, and the websafe version is hex **660033**. A complement of this color would be **126B2E**, and the grayscale version is **333333**.

A 20% lighter version of the original color is **A14980**, and **380023** is the 20% darker color. If you saturate the color by 10%, you get **6B074C**, and if you desaturate by 10%, it is **6B1D52**.

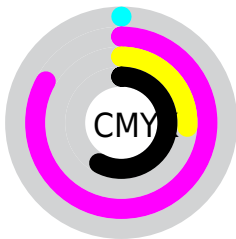
Distribution



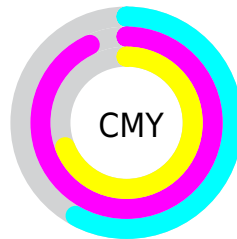
- Red (42%)
- Green (7%)
- Blue (31%)



- Red (42%)
- Yellow (7%)
- Blue (31%)



- Cyan (0%)
- Magenta (83%)
- Yellow (26%)
- Black (58%)



- Cyan (58%)
- Magenta (93%)
- Yellow (69%)

Brightness & Saturation Gradients

These gradients show how the Hex color 6B124F 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 6B124F by changing the saturation by 10% instead.

6B124F

6B124F

FFFFFF

510038

A14980

380023

BE629A

1E000A

DA7DB5

000000

F898D1

FFB3ED

FFCFFF

FFECFF

6B124F

6B124F

■ 6B074C

■ 6B1D52

■ 6B0049

■ 6B2756

■ 6B3259

■ 6B3D5C

■ 6B4860

■ 6B5263

■ 6B5D67

■ 6B686A

■ 6B726D

Harmonies

Analogous

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



4B286D



6B124F



74092D

Triad

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



6B124F



3B3C00



004767

Complementary

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



6B124F



126B2E

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.



004847



6B124F



0E4300

Square

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



6B124F



583000



004723



00437B

Rectangle

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



6B124F



701617



004723



00485D

Sweetspot

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



6B124F



8C6981



2D126B



473241



C7C7C7



474747

Same Dimension

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



6B124F



8C0060



6B1224



363034



750050



F500A8

Inverse Universe

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



6B124F



8C0060



126B59



363034



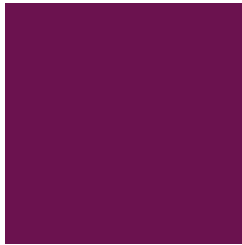
750050



F500A8

Previews

White Background



This preview shows how the Hex color 6B124F looks on a white background.

Color Contrast Check

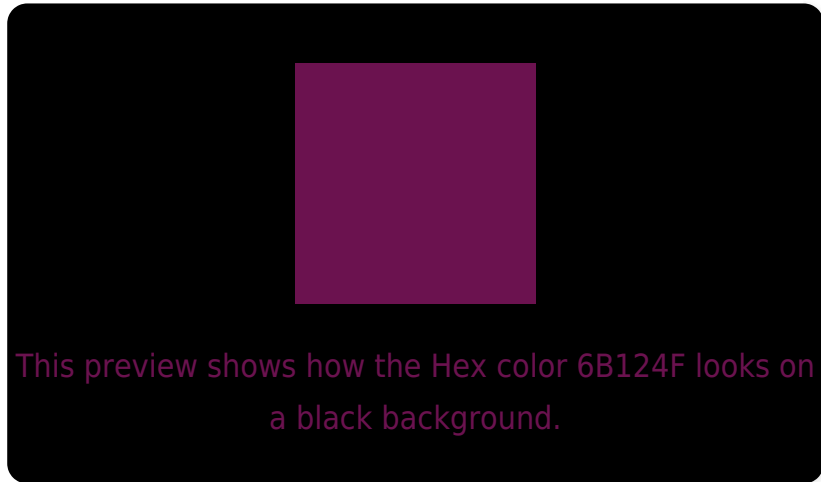
Large Text (above 18pt) WCAG AA ✓ Pass

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

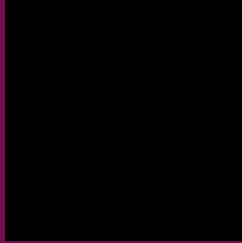
Any Text WCAG AA × Fail

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 6B124F Background



This preview shows how black text looks on a background with the Hex color 6B124F.



This preview shows how white text looks on a background with the Hex color 6B124F.

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
6B124F

Protanopia
223A6C

Deuteranopia
393A4A



Tritanopia
682324

Trichromacy



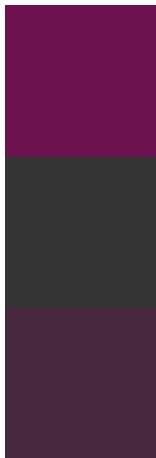
Original Color
6B124F

Protanomaly
3D2B61

Deuteranomaly
4B2B4C

Tritanomaly
691D34

Monochromacy



Original Color
6B124F

Achromatopsia
343434

Achromatomaly
48283E

CSS Examples

Text

The CSS property to change the color of the text to Hex 6B124F 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 #6B124F looks like.

```
.text, #text, p{  
    color:#6B124F  
}
```

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 #6B124F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6B124F
}
```

Border

The CSS property to change the border of an element to Hex 6B124F 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".

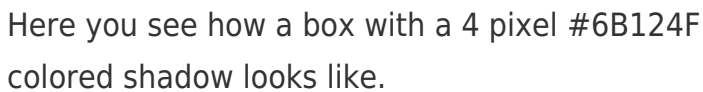
```
.border, #border, table{ border:4px solid
#6B124F }
```

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

```
.border{ border-color:#6B124F }
```

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

Here you see how a box with a 4 pixel #6B124F colored shadow looks like.

A rectangular box with a dark purple border and a dark purple shadow. The box is white with a thin dark purple border on the top and left sides, and a thicker dark purple shadow on the bottom and right sides.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6B124F; -webkit-box-shadow:4px 4px  
4px 4px #6B124F; box-shadow:4px 4px 4px  
4px #6B124F }
```

Background

The CSS property to change the background color of an element to Hex 6B124F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6B124F }
```

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

```
.background{ background-color:#6B124F }
```

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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