

Converting Colors

Hex(6B123E)

Have a look what the booklet for
Hex(6B123E) contains.

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Color

Hex(6B123E)

Conversions

Conversions Part 1

Format	Color
Hex	6B123E
RGB	107, 18, 62
RGB Percent	42%, 7%, 24%
CMY	0.5804, 0.9294, 0.7569
CMYK	0.00, 0.83, 0.42, 0.58
HSL	330°, 71%, 25%
HSV	330°, 83%, 42%
XYZ	7.1492, 3.9062, 4.9346
YIQ	49.6270, 38.9200, 32.5520

Conversions

Conversions Part 2

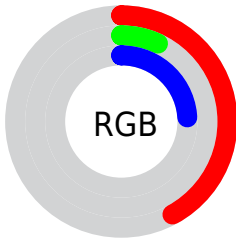
Format	Color
RYB	107, 18, 62
Decimal	7017022
CIELab	23.36, 41.41, -3.45
CIElCh	23, 41.555, 355.243
Yxy	3.9062, 0.4471, 0.2443
Android (android.graphics.Color)	4285207102 (0xFF6B123E)
YUV	49.6270, 6.0999, 50.3161
Hunter-Lab	19.7641, 29.9809, -0.9683

Details

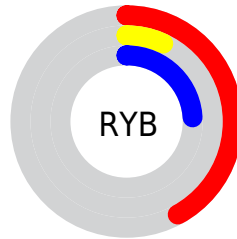
The Hex color **6B123E** is a dark color, and the websafe version is hex **660033**. A complement of this color would be **126B3F**, and the grayscale version is **323232**.

A 20% lighter version of the original color is **A2486D**, and **380014** is the 20% darker color. If you saturate the color by 10%, you get **6B0739**, and if you desaturate by 10%, it is **6B1D43**.

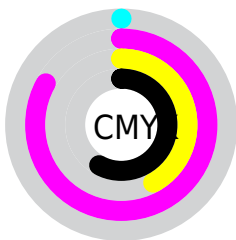
Distribution



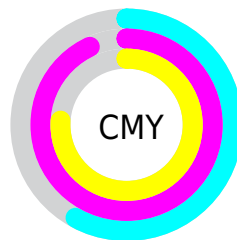
- Red (42%)
- Green (7%)
- Blue (24%)



- Red (42%)
- Yellow (7%)
- Blue (24%)



- Cyan (0%)
- Magenta (83%)
- Yellow (42%)
- Black (58%)



- Cyan (58%)
- Magenta (93%)
- Yellow (76%)

Brightness & Saturation Gradients

These gradients show how the Hex color 6B123E 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 6B123E by changing the saturation by 10% instead.

 6B123E

 6B123E

FFFFFF

 500028

 A2486D

 380014

 BE6287

 1A0001

 DB7CA1

 000000

 F997BC

 FFB2D8

 FFCE4

 FFEBFF

 6B123E

 6B123E

■ 6B0739

■ 6B1D43

■ 6B0035

■ 6B2749

■ 6B324E

■ 6B3D54

■ 6B4859

■ 6B525E

■ 6B5D64

■ 6B6869

■ 6B726F

Harmonies

Analogous

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



57215C



6B123E



6C171F

Triad

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



6B123E



2C3E00



00436B

Complementary

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



6B123E



126B3F

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.



004551



6B123E



004311

Square

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



6B123E



4A3500



004532



003D76

Rectangle

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



6B123E



65220B



004532



004463

Sweetspot

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



6B123E



8C697B



3F126B



47323D



C7C7C7



474747

Same Dimension

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



6B123E



8C0045



6B1212



363033



75003A



F50079

Inverse Universe

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



6B123E



8C0045



126B6B



363033



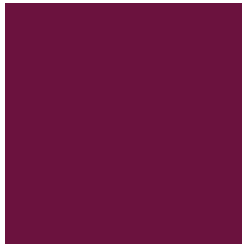
75003A



F50079

Previews

White Background



This preview shows how the Hex color 6B123E 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

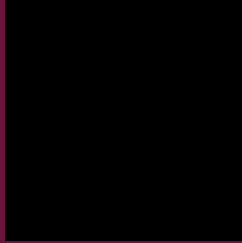
Any Text WCAG AA × Fail

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 6B123E Background



This preview shows how black text looks on a background with the Hex color 6B123E.

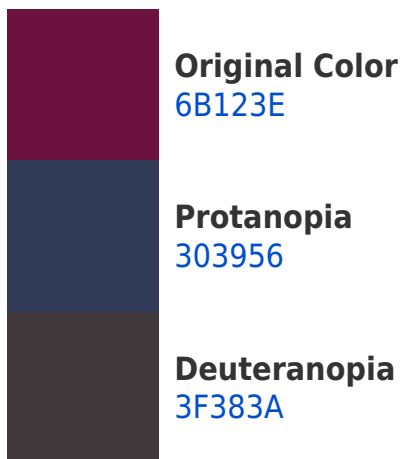


This preview shows how white text looks on a background with the Hex color 6B123E.

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
691D1E

Trichromacy



Original Color
6B123E

Protanomaly
452B4D

Deuteranomaly
4F2A3B

Tritanomaly
6A192A

Monochromacy



Original Color
6B123E

Achromatopsia
323232

Achromatomaly
472636

CSS Examples

Text

The CSS property to change the color of the text to Hex 6B123E 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 #6B123E looks like.

```
.text, #text, p{  
    color:#6B123E  
}
```

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 #6B123E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6B123E
}
```

Border

The CSS property to change the border of an element to Hex 6B123E is called "border". The border property can be set on classes, ids or directly on the HTML element.

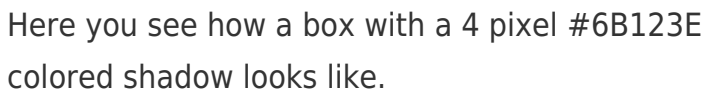
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#6B123E }
```

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

```
.border{ border-color:#6B123E }
```

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



Here you see how a box with a 4 pixel #6B123E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6B123E; -webkit-box-shadow:4px 4px  
4px 4px #6B123E; box-shadow:4px 4px 4px  
4px #6B123E }
```

Background

The CSS property to change the background color of an element to Hex 6B123E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6B123E }
```

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

```
.background{ background-color:#6B123E }
```

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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