

Converting Colors

Hex(6B163E)

Have a look what the booklet for
Hex(6B163E) contains.

Hex(6B163E)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(6B163E)

Conversions

Conversions Part 1

Format	Color
Hex	6B163E
RGB	107, 22, 62
RGB Percent	42%, 9%, 24%
CMY	0.5804, 0.9137, 0.7569
CMYK	0.00, 0.79, 0.42, 0.58
HSL	332°, 66%, 25%
HSV	332°, 79%, 42%
XYZ	7.2198, 4.0474, 4.9581
YIQ	51.9750, 37.8200, 30.4600

Conversions

Conversions Part 2

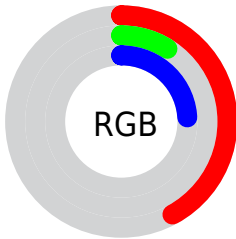
Format	Color
RYB	107, 22, 62
Decimal	7018046
CIELab	23.83, 40.08, -2.75
CIELCh	24, 40.178, 356.074
Yxy	4.0474, 0.4450, 0.2495
Android (android.graphics.Color)	4285208126 (0xFF6B163E)
YUV	51.9750, 4.9423, 48.2569
Hunter-Lab	20.1182, 28.8514, -0.5293

Details

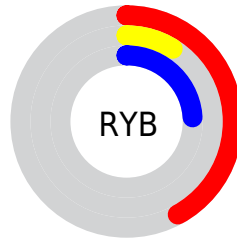
The Hex color **6B163E** is a dark color, and the websafe version is hex **660033**. A complement of this color would be **166B43**, and the grayscale version is **343434**.

A 20% lighter version of the original color is **A24A6D**, and **380014** is the 20% darker color. If you saturate the color by 10%, you get **6B0B38**, and if you desaturate by 10%, it is **6B2144**.

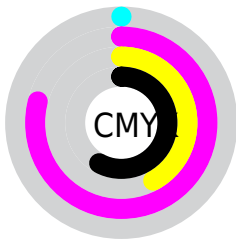
Distribution



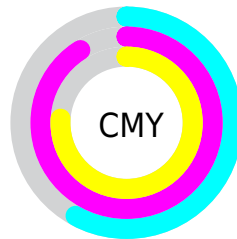
- Red (42%)
- Green (9%)
- Blue (24%)



- Red (42%)
- Yellow (9%)
- Blue (24%)



- Cyan (0%)
- Magenta (79%)
- Yellow (42%)
- Black (58%)



- Cyan (58%)
- Magenta (91%)
- Yellow (76%)

Brightness & Saturation Gradients


These gradients show how the Hex color 6B163E 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 6B163E by changing the saturation by 10% instead.

 6B163E

 6B163E

FFFFFF

 510028

 A24A6D

 380014

 BE6487

 1B0001

 DB7EA1

 000000

 F899BC

 FFB4D8

 FFD1F4

 FFEDFF

 6B163E

 6B163E

■ 6B0B38

■ 6B2144

■ 6B0133

■ 6B2B49

■ 6B0032

■ 6B364F

■ 6B4155

■ 6B4C5A

■ 6B5660

■ 6B6166

■ 6B6C6B

■ 6B7671

Harmonies

Analogous

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



59235B



6B163E



6C1A20

Triad

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



6B163E



2D3F00



00446B

Complementary

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



6B163E



166B43

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.



004652



6B163E



004414

Square

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



6B163E



4A3600



004634



003E75

Rectangle

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



6B163E



65240D



004634



004564

Sweetspot

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



6B163E



8C6B7A



42166B



47333C



C7C7C7



474747

Same Dimension

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



6B163E



8C0746



6B1716



363033



750037



F50073

Inverse Universe

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



6B163E



8C0746



166A6B



363033



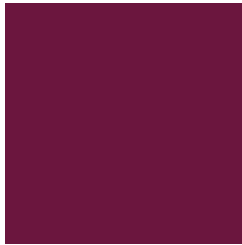
750037



F50073

Previews

White Background



This preview shows how the Hex color 6B163E looks on a white background.

Color Contrast Check

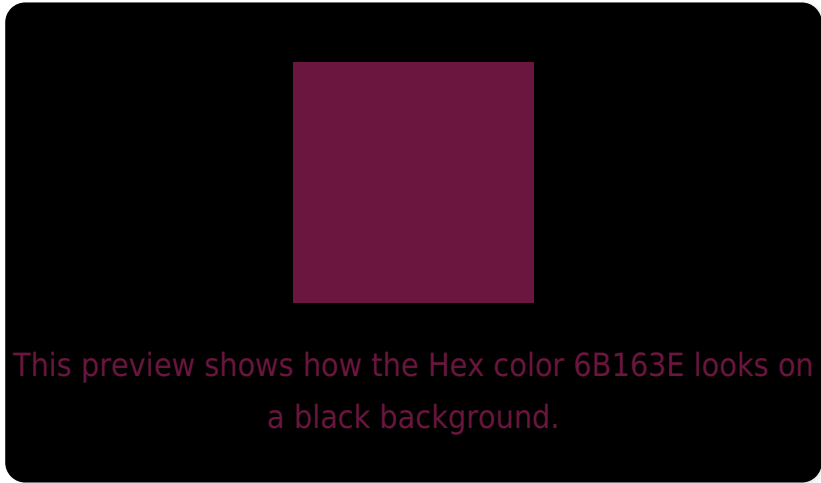
Large Text (above 18pt) WCAG AA ✓ Pass

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 6B163E Background



This preview shows how black text looks on a background with the Hex color 6B163E.

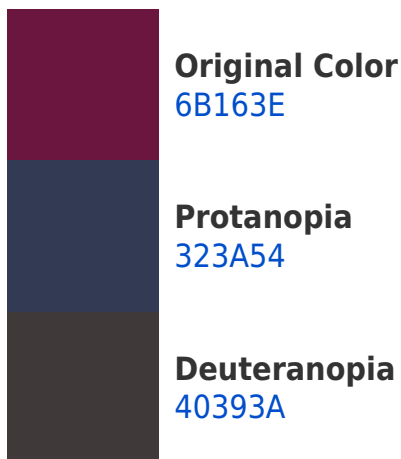


This preview shows how white text looks on a background with the Hex color 6B163E.

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
691F20

Trichromacy



Original Color
6B163E

Protanomaly
472D4C

Deuteranomaly
502C3B

Tritanomaly
6A1C2B

Monochromacy



Original Color
6B163E

Achromatopsia
343434

Achromatomaly
482938

CSS Examples

Text

The CSS property to change the color of the text to Hex 6B163E 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 #6B163E looks like.

```
.text, #text, p{  
    color:#6B163E  
}
```

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 #6B163E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6B163E
}
```

Border

The CSS property to change the border of an element to Hex 6B163E is called "border". The border property can be set on classes, ids or directly on the HTML element.

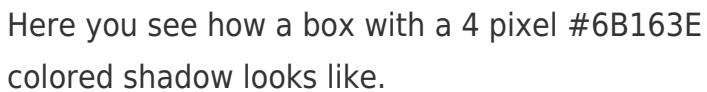
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#6B163E }
```

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

```
.border{ border-color:#6B163E }
```

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



Here you see how a box with a 4 pixel #6B163E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6B163E; -webkit-box-shadow:4px 4px  
4px 4px #6B163E; box-shadow:4px 4px 4px  
4px #6B163E }
```

Background

The CSS property to change the background color of an element to Hex 6B163E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6B163E }
```

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

```
.background{ background-color:#6B163E }
```

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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