

Converting Colors

Hex(6B213E)

Have a look what the booklet for
Hex(6B213E) contains.

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Color

Hex(6B213E)

Conversions

Conversions Part 1

Format	Color
Hex	6B213E
RGB	107, 33, 62
RGB Percent	42%, 13%, 24%
CMY	0.5804, 0.8706, 0.7569
CMYK	0.00, 0.69, 0.42, 0.58
HSL	336°, 53%, 27%
HSV	336°, 69%, 42%
XYZ	7.4768, 4.5613, 5.0438
YIQ	58.4320, 34.7950, 24.7070

Conversions

Conversions Part 2

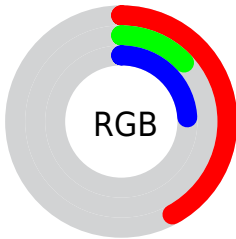
Format	Color
RYB	107, 33, 62
Decimal	7020862
CIELab	25.45, 35.59, -0.37
CIELCh	25, 35.590, 359.406
Yxy	4.5613, 0.4377, 0.2670
Android (android.graphics.Color)	4285210942 (0xFF6B213E)
YUV	58.4320, 1.7590, 42.5941
Hunter-Lab	21.3572, 25.1143, 0.9480

Details

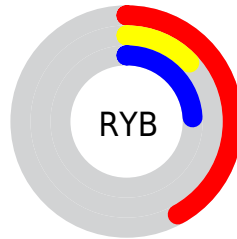
The Hex color **6B213E** is a dark color, and the websafe version is hex **660033**. A complement of this color would be **216B4E**, and the grayscale version is **3A3A3A**.

A 20% lighter version of the original color is **A1536D**, and **380014** is the 20% darker color. If you saturate the color by 10%, you get **6B1637**, and if you desaturate by 10%, it is **6B2C45**.

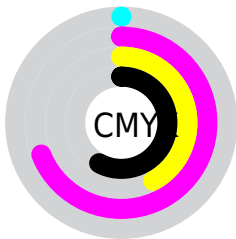
Distribution



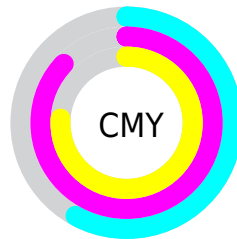
- Red (42%)
- Green (13%)
- Blue (24%)



- Red (42%)
- Yellow (13%)
- Blue (24%)



- Cyan (0%)
- Magenta (69%)
- Yellow (42%)
- Black (58%)



- Cyan (58%)
- Magenta (87%)
- Yellow (76%)

Brightness & Saturation Gradients

These gradients show how the Hex color 6B213E 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 6B213E by changing the saturation by 10% instead.

 6B213E

 6B213E

FFFFFF

 510428

 A1536D

 380014

 BE6C87

 1D0001

 DA86A1

 000000

 F8A1BC

 FFBDD7

 FFD9F4

 FFF6FF

 6B213E

 6B213E

■ 6B1637

■ 6B2C45

■ 6B0C31

■ 6B364B

■ 6B012A

■ 6B4152

■ 6B002A

■ 6B4C58

■ 6B565F

■ 6B6165

■ 6B6C6C

■ 6B7772

■ 6B8179

Harmonies

Analogous

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



5C2958



6B213E



6B2524

Triad

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



6B213E



2F4207



00466A

Complementary

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



6B213E



216B4E

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.



004956



6B213E



00471F

Square

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



6B213E



4A3B00



00493B



004072

Rectangle

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



6B213E



642C14



00493B



004765

Sweetspot

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



6B213E



8C6F7A



4D216B



47363D



C7C7C7



474747

Same Dimension

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



6B213E



8C1845



6B2821



363032



75002E



F50060

Inverse Universe

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



6B213E



8C1845



21646B



363032



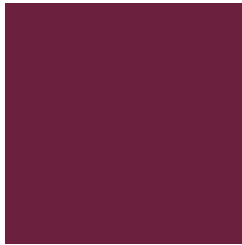
75002E



F50060

Previews

White Background



This preview shows how the Hex color 6B213E looks on a white background.

Color Contrast Check

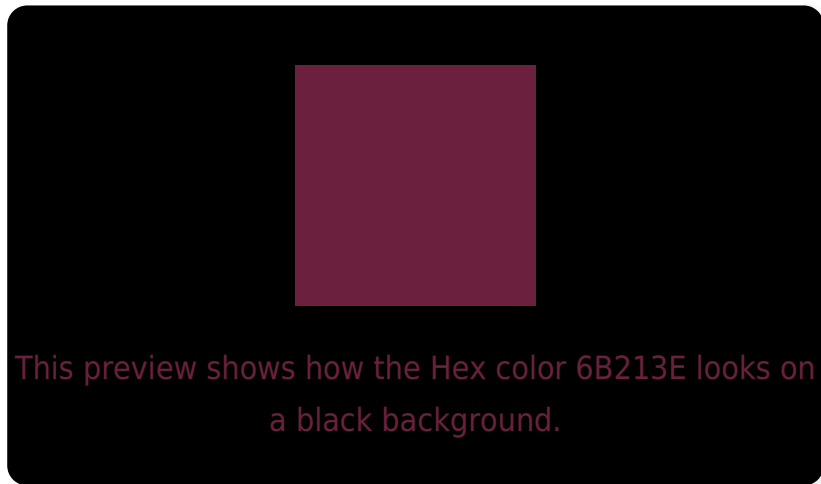
Large Text (above 18pt) WCAG AA ✓ Pass

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

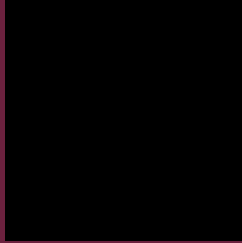
Any Text WCAG AA × Fail

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 6B213E Background



This preview shows how black text looks on a background with the Hex color 6B213E.



This preview shows how white text looks on a background with the Hex color 6B213E.

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
6B213E

Protanopia
393D4F

Deuteranopia
453B3A



Tritanopia
6A2628

Trichromacy



Original Color
6B213E

Protanomaly
4B3349

Deuteranomaly
53323B

Tritanomaly
6A2430

Monochromacy



Original Color
6B213E

Achromatopsia
3A3A3A

Achromatomaly
4C313B

CSS Examples

Text

The CSS property to change the color of the text to Hex 6B213E 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 #6B213E looks like.

```
.text, #text, p{  
    color:#6B213E  
}
```

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 #6B213E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6B213E
}
```

Border

The CSS property to change the border of an element to Hex 6B213E is called "border". The border property can be set on classes, ids or directly on the HTML element.

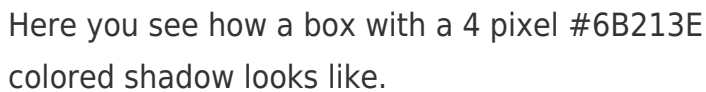
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#6B213E }
```

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

```
.border{ border-color:#6B213E }
```

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



Here you see how a box with a 4 pixel #6B213E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6B213E; -webkit-box-shadow:4px 4px  
4px 4px #6B213E; box-shadow:4px 4px 4px  
4px #6B213E }
```

Background

The CSS property to change the background color of an element to Hex 6B213E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6B213E }
```

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

```
.background{ background-color:#6B213E }
```

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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