

Converting Colors

Hex(6A113E)

Have a look what the booklet for
Hex(6A113E) contains.

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Color

Hex(6A113E)

Conversions

Conversions Part 1

Format	Color
Hex	6A113E
RGB	106, 17, 62
RGB Percent	42%, 7%, 24%
CMY	0.5843, 0.9333, 0.7569
CMYK	0.00, 0.84, 0.42, 0.58
HSL	330°, 72%, 24%
HSV	330°, 84%, 42%
XYZ	7.0138, 3.8129, 4.9237
YIQ	48.7410, 38.5990, 32.8630

Conversions

Conversions Part 2

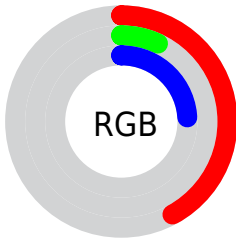
Format	Color
R_{YB}	106, 17, 62
Decimal	6951230
CIE _{Lab}	23.04, 41.43, -3.94
CIE _{LCh}	23, 41.619, 354.570
Yxy	3.8129, 0.4453, 0.2421
Android (android.graphics.Color)	4285141310 (0xFF6A113E)
YUV	48.7410, 6.5367, 50.2161
Hunter-Lab	19.5266, 29.9445, -1.2817

Details

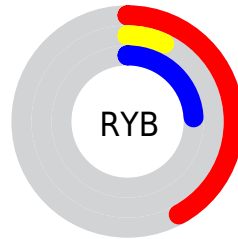
The Hex color **6A113E** is a dark color, and the websafe version is hex **660033**. A complement of this color would be **116A3D**, and the grayscale version is **313131**.

A 20% lighter version of the original color is **A1476D**, and **370014** is the 20% darker color. If you saturate the color by 10%, you get **6A0639**, and if you desaturate by 10%, it is **6A1C43**.

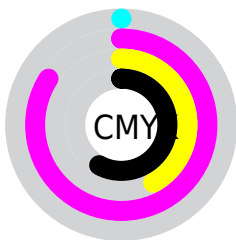
Distribution



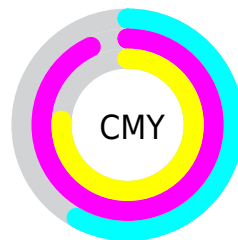
- Red (42%)
- Green (7%)
- Blue (24%)



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



- Cyan (0%)
- Magenta (84%)
- Yellow (42%)
- Black (58%)



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

Brightness & Saturation Gradients

These gradients show how the Hex color 6A113E 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 6A113E by changing the saturation by 10% instead.

 6A113E

 6A113E

FFFFFF

 4F0028

 A1476D

 370014

 BD6187

 180001

 DA7BA1

 000000

 F896BC

 FFB1D8

 FFCDF4

 FFEAFF

 6A113E

 6A113E

■ 6A0639

■ 6A1C43

■ 6A0036

■ 6A2648

■ 6A314E

■ 6A3B53

■ 6A4658

■ 6A515D

■ 6A5B63

■ 6A6668

■ 6A706D

Harmonies

Analogous

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



56215B



6A113E



6C151F

Triad

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



6A113E



2C3D00



00436A

Complementary

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



6A113E



116A3D

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.



004450



6A113E



00420F

Square

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



6A113E



493400



004430



003D75

Rectangle

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



6A113E



65200B



004430



004462

Sweetspot

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



6A113E



8A6779



3C116A



45303B



C4C4C4



454545

Same Dimension

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



6A113E



8A0046



6A1112



363033



75003B



F5007C

Inverse Universe

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



6A113E



8A0046



116A69



363033



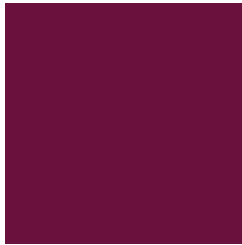
75003B



F5007C

Previews

White Background



This preview shows how the Hex color 6A113E looks on a white background.

Color Contrast Check

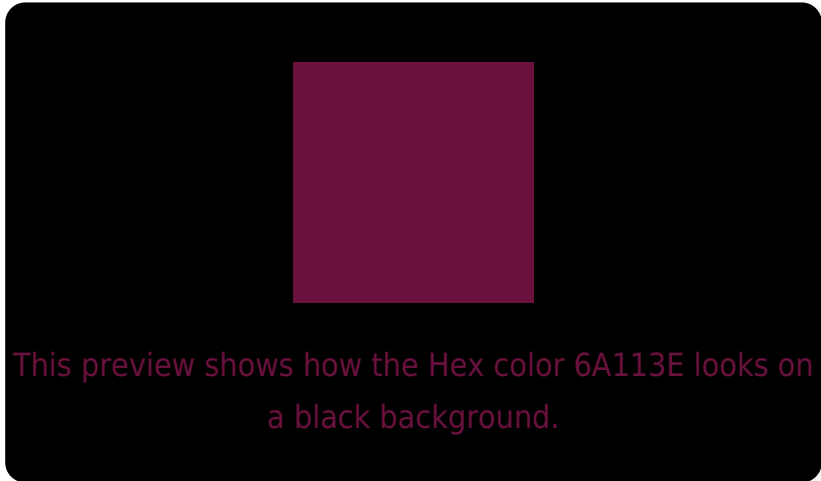
Large Text (above 18pt) WCAG AA ✓ Pass

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

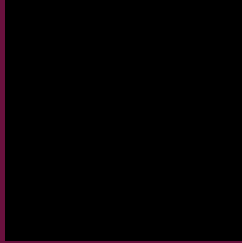
Any Text WCAG AA × Fail

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 6A113E Background



This preview shows how black text looks on a background with the Hex color 6A113E.



This preview shows how white text looks on a background with the Hex color 6A113E.

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
6A113E

Protanopia
2F3856

Deuteranopia
3E373A



Tritanopia
681C1E

Trichromacy



Original Color
6A113E

Protanomaly
442A4D

Deuteranomaly
4E293B

Tritanomaly
69182A

Monochromacy



Original Color
6A113E

Achromatopsia
313131

Achromatomaly
462536

CSS Examples

Text

The CSS property to change the color of the text to Hex 6A113E 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 #6A113E looks like.

```
.text, #text, p{  
    color:#6A113E  
}
```

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 #6A113E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6A113E
}
```

Border

The CSS property to change the border of an element to Hex 6A113E is called "border". The border property can be set on classes, ids or directly on the HTML element.

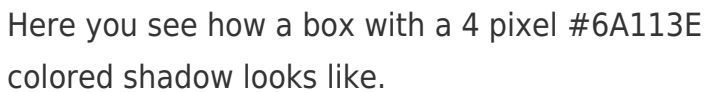
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#6A113E }
```

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

```
.border{ border-color:#6A113E }
```

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



Here you see how a box with a 4 pixel #6A113E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6A113E; -webkit-box-shadow:4px 4px  
4px 4px #6A113E; box-shadow:4px 4px 4px  
4px #6A113E }
```

Background

The CSS property to change the background color of an element to Hex 6A113E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6A113E }
```

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

```
.background{ background-color:#6A113E }
```

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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