

Converting Colors

Hex(6A1E3F)

Have a look what the booklet for
Hex(6A1E3F) contains.

Hex(6A1E3F)	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(6A1E3F)

Conversions

Conversions Part 1

Format	Color
Hex	6A1E3F
RGB	106, 30, 63
RGB Percent	42%, 12%, 25%
CMY	0.5843, 0.8824, 0.7529
CMYK	0.00, 0.72, 0.41, 0.58
HSL	334°, 56%, 27%
HSV	334°, 72%, 42%
XYZ	7.3053, 4.3516, 5.1575
YIQ	56.4860, 34.7030, 26.3750

Conversions

Conversions Part 2

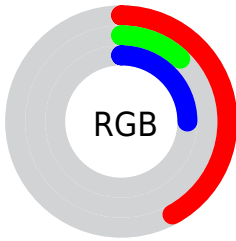
Format	Color
R_{YB}	106, 30, 63
Decimal	6954559
CIE Lab	24.80, 36.72, -2.02
CIE LCh	25, 36.775, 356.856
Yxy	4.3516, 0.4345, 0.2588
Android (android.graphics.Color)	4285144639 (0xFF6A1E3F)
YUV	56.4860, 3.2114, 43.4238
Hunter-Lab	20.8605, 26.0048, -0.0565

Details

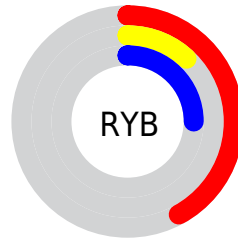
The Hex color **6A1E3F** is a dark color, and the websafe version is hex **660033**. A complement of this color would be **1E6A49**, and the grayscale version is **383838**.

A 20% lighter version of the original color is **A0506E**, and **370015** is the 20% darker color. If you saturate the color by 10%, you get **6A1339**, and if you desaturate by 10%, it is **6A2945**.

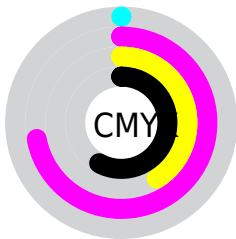
Distribution



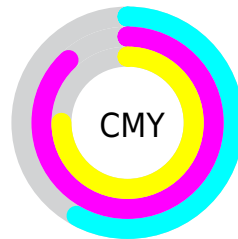
- Red (42%)
- Green (12%)
- Blue (25%)



- Red (42%)
- Yellow (12%)
- Blue (25%)



- Cyan (0%)
- Magenta (72%)
- Yellow (41%)
- Black (58%)



- Cyan (58%)
- Magenta (88%)
- Yellow (75%)

Brightness & Saturation Gradients

These gradients show how the Hex color 6A1E3F 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 6A1E3F by changing the saturation by 10% instead.

6A1E3F

6A1E3F

FFFFFF

500129

A0506E

370015

BC6A88

1C0001

D984A2

000000

F69EBD

FFBAD9

FFD6F5

FFF3FF

6A1E3F

6A1E3F

■ 6A1339

■ 6A2945

■ 6A0933

■ 6A334B

■ 6A002E

■ 6A3E51

■ 6A4857

■ 6A535D

■ 6A5E63

■ 6A6869

■ 6A736F

■ 6A7D75

Harmonies

Analogous

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



59285A



6A1E3F



6B2124

Triad

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



6A1E3F



304101



004569

Complementary

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



6A1E3F



1E6A49

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.



004753



6A1E3F



00451B

Square

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



6A1E3F



4B3900



004737



003F73

Rectangle

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



6A1E3F



642913



004737



004663

Sweetspot

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



6A1E3F



8A6B79



481E6A



45333B



C4C4C4



454545

Same Dimension

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



6A1E3F



8A1347



6A221E



363033



750033



F5006A

Inverse Universe

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



6A1E3F



8A1347



1E666A



363033



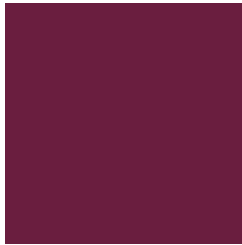
750033



F5006A

Previews

White Background



This preview shows how the Hex color 6A1E3F looks on a white background.

Color Contrast Check

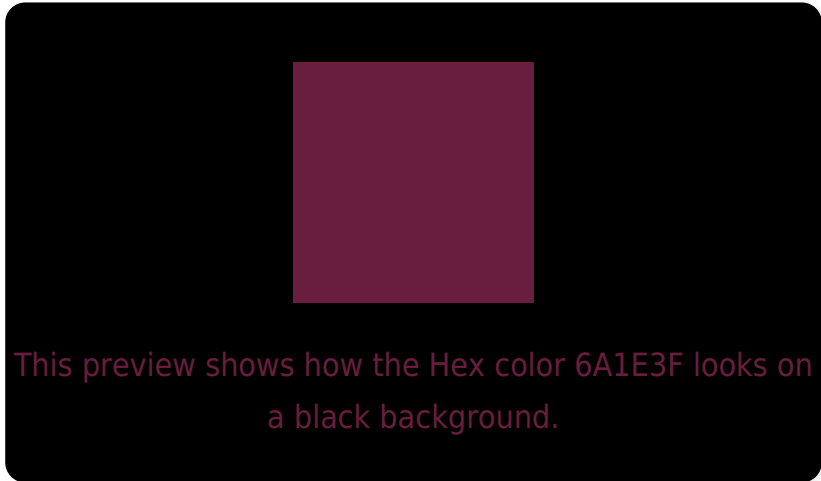
Large Text (above 18pt) WCAG AA ✓ Pass

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

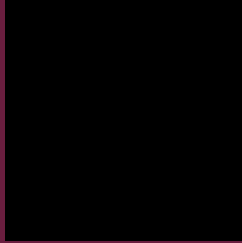
Any Text WCAG AA × Fail

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 6A1E3F Background



This preview shows how black text looks on a background with the Hex color 6A1E3F.



This preview shows how white text looks on a background with the Hex color 6A1E3F.

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
6A1E3F

Protanopia
363C52

Deuteranopia
423A3B



Tritanopia
682426

Trichromacy



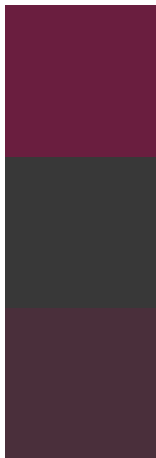
Original Color
6A1E3F

Protanomaly
49314B

Deuteranomaly
51303C

Tritanomaly
69222F

Monochromacy



Original Color
6A1E3F

Achromatopsia
383838

Achromatomaly
4A2F3B

CSS Examples

Text

The CSS property to change the color of the text to Hex 6A1E3F 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 #6A1E3F looks like.

```
.text, #text, p{  
    color:#6A1E3F  
}
```

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 #6A1E3F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6A1E3F
}
```

Border

The CSS property to change the border of an element to Hex 6A1E3F is called "border". The border property can be set on classes, ids or directly on the HTML element.

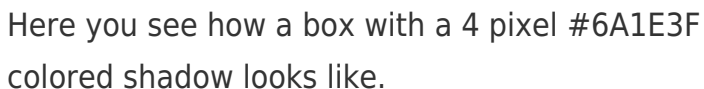
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#6A1E3F }
```

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

```
.border{ border-color:#6A1E3F }
```

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



Here you see how a box with a 4 pixel #6A1E3F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6A1E3F; -webkit-box-shadow:4px 4px  
4px 4px #6A1E3F; box-shadow:4px 4px 4px  
4px #6A1E3F }
```

Background

The CSS property to change the background color of an element to Hex 6A1E3F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6A1E3F }
```

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

```
.background{ background-color:#6A1E3F }
```

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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