

Converting Colors

Hex(6A1B3A)

Have a look what the booklet for
Hex(6A1B3A) contains.

Hex(6A1B3A)	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(6A1B3A)

Conversions

Conversions Part 1

Format	Color
Hex	6A1B3A
RGB	106, 27, 58
RGB Percent	42%, 11%, 23%
CMY	0.5843, 0.8941, 0.7725
CMYK	0.00, 0.75, 0.45, 0.58
HSL	336°, 59%, 26%
HSV	336°, 75%, 42%
XYZ	7.0995, 4.1535, 4.4305
YIQ	54.1550, 37.1330, 26.3890

Conversions

Conversions Part 2

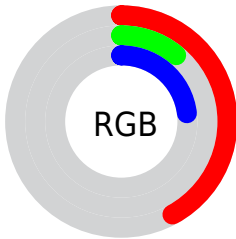
Format	Color
R_{YB}	106, 27, 58
Decimal	6953786
CIE _{Lab}	24.17, 37.41, 0.47
CIE _{LCh}	24, 37.417, 0.724
Yxy	4.1535, 0.4527, 0.2648
Android (android.graphics.Color)	4285143866 (0xFF6A1B3A)
YUV	54.1550, 1.8956, 45.4681
Hunter-Lab	20.3802, 26.5157, 1.3769

Details

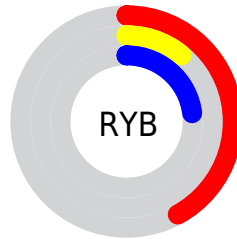
The Hex color **6A1B3A** is a dark color, and the websafe version is hex **660033**. A complement of this color would be **1B6A4B**, and the grayscale version is **363636**.

A 20% lighter version of the original color is **A14E69**, and **37000F** is the 20% darker color. If you saturate the color by 10%, you get **6A1034**, and if you desaturate by 10%, it is **6A2640**.

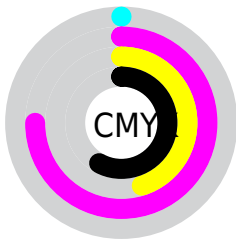
Distribution



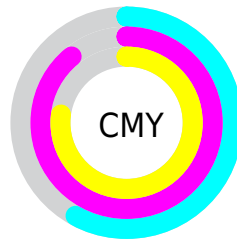
- Red (42%)
- Green (11%)
- Blue (23%)



- Red (42%)
- Yellow (11%)
- Blue (23%)



- Cyan (0%)
- Magenta (75%)
- Yellow (45%)
- Black (58%)



- Cyan (58%)
- Magenta (89%)
- Yellow (77%)

Brightness & Saturation Gradients

These gradients show how the Hex color 6A1B3A 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 6A1B3A by changing the saturation by 10% instead.

 6A1B3A

 6A1B3A

FFFFFF

 500025

 A14E69

 37000F

 BD6782

 190001

 DA819C

 000000

 F79CB7

 FFB7D2

 FFD4EF

 FFF0FF

 6A1B3A

 6A1B3A

■ 6A1034

■ 6A2640

■ 6A062D

■ 6A3047

■ 6A002A

■ 6A3B4D

■ 6A4554

■ 6A505A

■ 6A5B61

■ 6A6567

■ 6A706E

■ 6A7A74

Harmonies

Analogous

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



5B2455



6A1B3A



69211E

Triad

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



6A1B3A



2A4000



00436A

Complementary

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



6A1B3A



1B6A4B

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.



004656



6A1B3A



00441C

Square

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



6A1B3A



463800



004639



003D72

Rectangle

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



6A1B3A



61290D



004639



004565

Sweetspot

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



6A1B3A



8A6B77



4A1B6A



45333A



C4C4C4



454545

Same Dimension

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



6A1B3A



8A0F3F



6A231B



363032



75002E



F50060

Inverse Universe

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



6A1B3A



8A0F3F



1B626A



363032



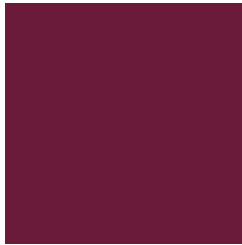
75002E



F50060

Previews

White Background



This preview shows how the Hex color 6A1B3A looks on a white background.

Color Contrast Check

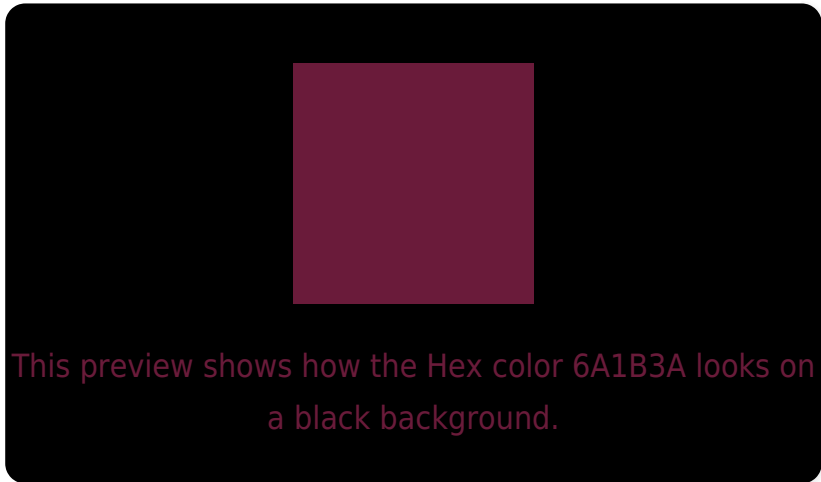
Large Text (above 18pt) WCAG AA ✓ Pass

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 6A1B3A Background



This preview shows how black text looks on a background with the Hex color 6A1B3A.



This preview shows how white text looks on a background with the Hex color 6A1B3A.

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
6A1B3A

Protanopia
363A4C

Deuteranopia
423936



Tritanopia
692123

Trichromacy



Original Color

6A1B3A

Protanomaly

492F45

Deuteranomaly

512E37

Tritanomaly

691F2B

Monochromacy



Original Color

6A1B3A

Achromatopsia

363636

Achromatomaly

492C37

CSS Examples

Text

The CSS property to change the color of the text to Hex 6A1B3A 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 #6A1B3A looks like.

```
.text, #text, p{  
    color:#6A1B3A  
}
```

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 #6A1B3A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6A1B3A
}
```

Border

The CSS property to change the border of an element to Hex 6A1B3A 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
#6A1B3A }
```

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

```
.border{ border-color:#6A1B3A }
```

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

Here you see how a box with a 4 pixel #6A1B3A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6A1B3A; -webkit-box-shadow:4px 4px  
4px 4px #6A1B3A; box-shadow:4px 4px 4px  
4px #6A1B3A }
```

Background

The CSS property to change the background color of an element to Hex 6A1B3A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6A1B3A }
```

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

```
.background{ background-color:#6A1B3A }
```

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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