

Converting Colors

Hex(6A1A2A)

Have a look what the booklet for
Hex(6A1A2A) contains.

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Color

Hex(6A1A2A)

Conversions

Conversions Part 1

Format	Color
Hex	6A1A2A
RGB	106, 26, 42
RGB Percent	42%, 10%, 16%
CMY	0.5843, 0.8980, 0.8353
CMYK	0.00, 0.75, 0.60, 0.58
HSL	348°, 61%, 26%
HSV	348°, 75%, 42%
XYZ	6.7312, 3.9701, 2.6020
YIQ	51.7440, 42.5440, 21.9360

Conversions

Conversions Part 2

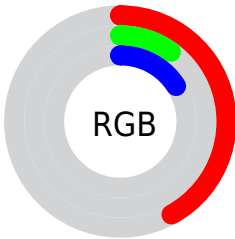
Format	Color
R_{YB}	106, 26, 42
Decimal	6953514
CIE _{Lab}	23.57, 36.29, 10.62
CIE _{LCh}	24, 37.816, 16.311
Yxy	3.9701, 0.5060, 0.2984
Android (android.graphics.Color)	4285143594 (0xFF6A1A2A)
YUV	51.7440, -4.8038, 47.5825
Hunter-Lab	19.9252, 25.4322, 6.2050

Details

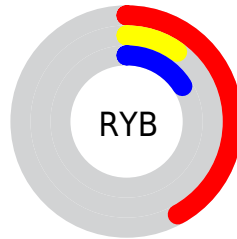
The Hex color **6A1A2A** is a dark color, and the websafe version is hex **660033**. A complement of this color would be **1A6A5A**, and the grayscale version is **343434**.

A 20% lighter version of the original color is **A24C57**, and **360000** is the 20% darker color. If you saturate the color by 10%, you get **6A0F22**, and if you desaturate by 10%, it is **6A2532**.

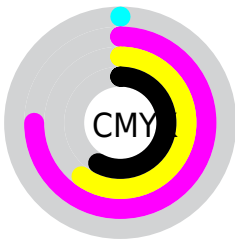
Distribution



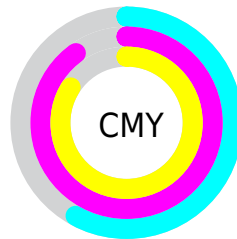
- Red (42%)
- Green (10%)
- Blue (16%)



- Red (42%)
- Yellow (10%)
- Blue (16%)



- Cyan (0%)
- Magenta (75%)
- Yellow (60%)
- Black (58%)



- Cyan (58%)
- Magenta (90%)
- Yellow (84%)

Brightness & Saturation Gradients

These gradients show how the Hex color 6A1A2A 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 6A1A2A by changing the saturation by 10% instead.

 6A1A2A

 6A1A2A

FFFFFF

 4F0016

 A24C57

 360000

 BE666F

 140000

 DB8089

 000000

 F99AA3

 FFB6BE

 FFD2DA

 FFEFF6

 6A1A2A

 6A1A2A

■ 6A0F22

■ 6A2532

■ 6A0519

■ 6A2F3B

■ 6A0015

■ 6A3A43

■ 6A444C

■ 6A4F54

■ 6A5A5D

■ 6A6465

■ 6A6F6E

■ 6A7976

Harmonies

Analogous

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



641C46



6A1A2A



62250F

Triad

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



6A1A2A



13410D



003F6F

Complementary

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



6A1A2A



1A6A5A

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.



004461



6A1A2A



00442A

Square

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



6A1A2A



373B00



004547



16366F

Rectangle

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



6A1A2A



572E00



004547



00416C

Sweetspot

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



6A1A2A



8A6A70



5A1A6A



453235



C4C4C4



454545

Same Dimension

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



6A1A2A



8A0C25



6A321A



363031



750017



F50031

Inverse Universe

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



6A1A2A



8A0C25



1A526A



363031



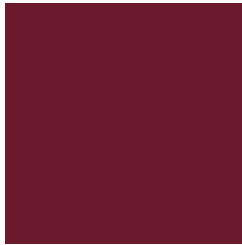
750017



F50031

Previews

White Background



This preview shows how the Hex color 6A1A2A looks on a white background.

Color Contrast Check

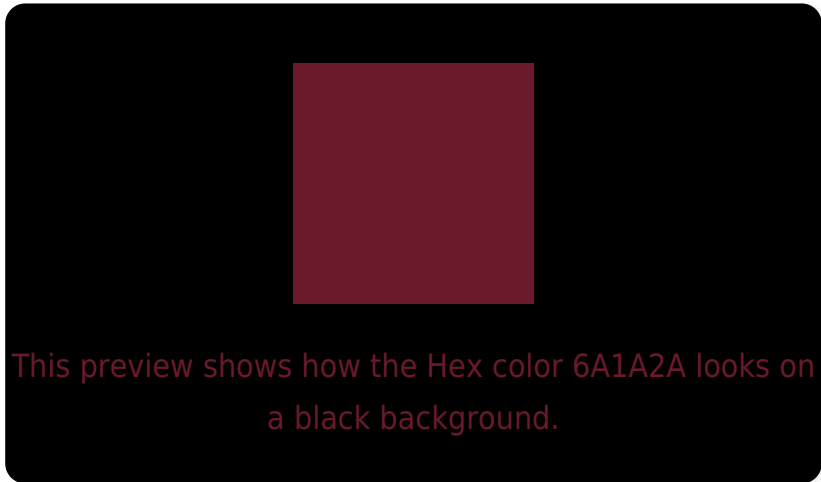
Large Text (above 18pt) WCAG AA ✓ Pass

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 6A1A2A Background



This preview shows how black text looks on a background with the Hex color 6A1A2A.



This preview shows how white text looks on a background with the Hex color 6A1A2A.

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
6A1A2A

Protanopia
3B3A38

Deuteranopia
453726



Tritanopia
691D1E

Trichromacy



Original Color

6A1A2A

Protanomaly

4C2E33

Deuteranomaly

522C27

Tritanomaly

691C22

Monochromacy



Original Color

6A1A2A

Achromatopsia

343434

Achromatomaly

482B30

CSS Examples

Text

The CSS property to change the color of the text to Hex 6A1A2A 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 #6A1A2A looks like.

```
.text, #text, p{  
    color:#6A1A2A  
}
```

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 #6A1A2A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6A1A2A
}
```

Border

The CSS property to change the border of an element to Hex 6A1A2A is called "border". The border property can be set on classes, ids or directly on the HTML element.

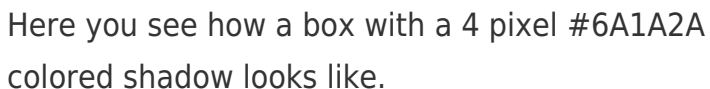
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#6A1A2A }
```

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

```
.border{ border-color:#6A1A2A }
```

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



Here you see how a box with a 4 pixel #6A1A2A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6A1A2A; -webkit-box-shadow:4px 4px  
4px 4px #6A1A2A; box-shadow:4px 4px 4px  
4px #6A1A2A }
```

Background

The CSS property to change the background color of an element to Hex 6A1A2A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6A1A2A }
```

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

```
.background{ background-color:#6A1A2A }
```

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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