

Converting Colors

Hex(6A2A31)

Have a look what the booklet for
Hex(6A2A31) contains.

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Color

Hex(6A2A31)

Conversions

Conversions Part 1

Format	Color
Hex	6A2A31
RGB	106, 42, 49
RGB Percent	42%, 16%, 19%
CMY	0.5843, 0.8353, 0.8078
CMYK	0.00, 0.60, 0.54, 0.58
HSL	353°, 43%, 29%
HSV	353°, 60%, 42%
XYZ	7.3262, 4.9419, 3.4735
YIQ	61.9340, 35.8970, 15.7450

Conversions

Conversions Part 2

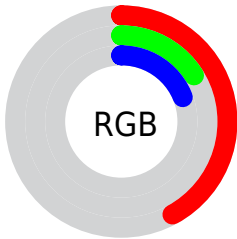
Format	Color
RYB	106, 42, 49
Decimal	6957617
CIELab	26.57, 29.30, 9.96
CIElCh	27, 30.952, 18.778
Yxy	4.9419, 0.4654, 0.3139
Android (android.graphics.Color)	4285147697 (0xFF6A2A31)
YUV	61.9340, -6.3765, 38.6459
Hunter-Lab	22.2303, 19.9234, 6.2972

Details

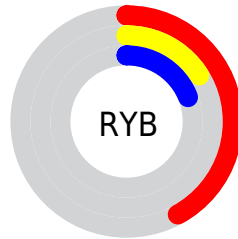
The Hex color **6A2A31** is a dark color, and the websafe version is hex **663333**. A complement of this color would be **2A6A63**, and the grayscale version is **3E3E3E**.

A 20% lighter version of the original color is **A05A5F**, and **370001** is the 20% darker color. If you saturate the color by 10%, you get **6A1F28**, and if you desaturate by 10%, it is **6A353A**.

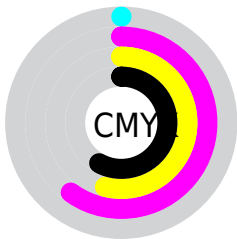
Distribution



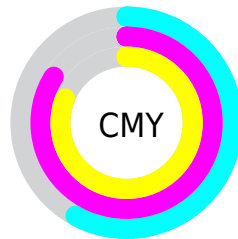
- Red (42%)
- Green (16%)
- Blue (19%)



- Red (42%)
- Yellow (16%)
- Blue (19%)



- Cyan (0%)
- Magenta (60%)
- Yellow (54%)
- Black (58%)



- Cyan (58%)
- Magenta (84%)
- Yellow (81%)

Brightness & Saturation Gradients

These gradients show how the Hex color 6A2A31 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 6A2A31 by changing the saturation by 10% instead.

 6A2A31

 6A2A31

FFFFFF

 50121C

 A05A5F

 370001

 BD7378

 1C0001

 D98E91

 000000

 F7A8AC

 FFC4C7

 FFE0E3

 FFFDFF

 6A2A31

 6A2A31

■ 6A1F28

■ 6A353A

■ 6A151E

■ 6A3F44

■ 6A0A15

■ 6A4A4D

■ 6A000C

■ 6A5457

■ 6A5F60

■ 6A6A6A

■ 6A7473

■ 6A7F7D

■ 6A8986

Harmonies

Analogous

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



652A49



6A2A31



63311C

Triad

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



6A2A31



21471E



00446D

Complementary

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



6A2A31



2A6A63

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.



004962



6A2A31



004A35

Square

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



6A2A31



3D420E



004A4D



2F3C6C

Rectangle

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



6A2A31



593711



004A4D



00466B

Sweetspot

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



6A2A31



8A7174



632A6A



453637



C4C4C4



454545

Same Dimension

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



6A2A31



8A2731



6A432A



363031



75000D



F5001B

Inverse Universe

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



6A2A31



8A2731



2A516A



363031



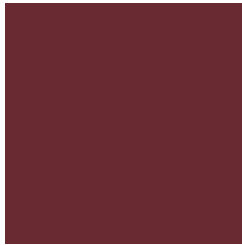
75000D



F5001B

Previews

White Background



This preview shows how the Hex color 6A2A31 looks on a white background.

Color Contrast Check

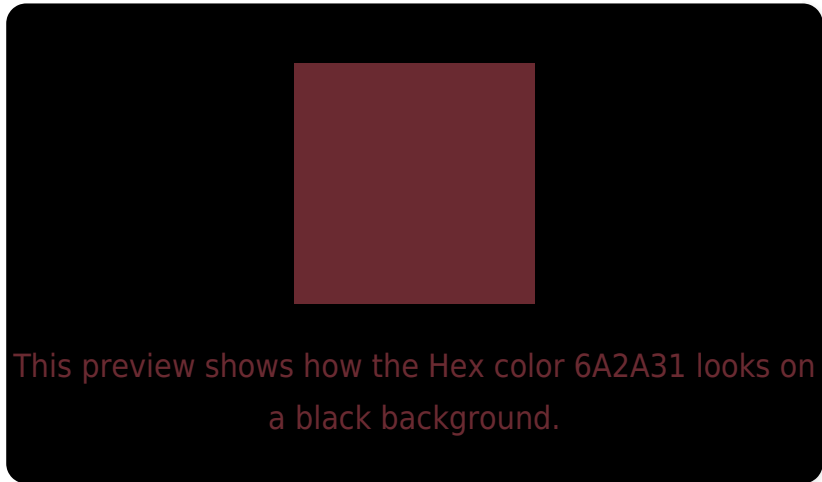
Large Text (above 18pt) WCAG AA ✓ Pass

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

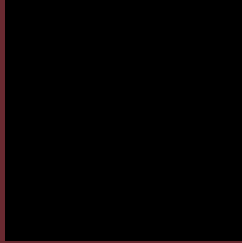
Any Text WCAG AA × Fail

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 6A2A31 Background



This preview shows how black text looks on a background with the Hex color 6A2A31.



This preview shows how white text looks on a background with the Hex color 6A2A31.

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
6A2A31

Protanopia
42403B

Deuteranopia
4C3D2E



Tritanopia
6A2B2D

Trichromacy



Original Color
6A2A31

Protanomaly
513837

Deuteranomaly
57362F

Tritanomaly
6A2B2E

Monochromacy



Original Color
6A2A31

Achromatopsia
3E3E3E

Achromatomaly
4E3739

CSS Examples

Text

The CSS property to change the color of the text to Hex 6A2A31 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 #6A2A31 looks like.

```
.text, #text, p{  
    color:#6A2A31  
}
```

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 #6A2A31 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6A2A31
}
```

Border

The CSS property to change the border of an element to Hex 6A2A31 is called "border". The border property can be set on classes, ids or directly on the HTML element.

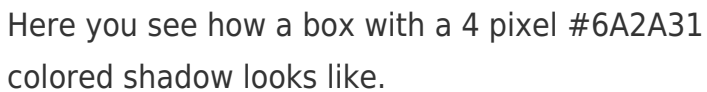
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#6A2A31 }
```

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

```
.border{ border-color:#6A2A31 }
```

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



Here you see how a box with a 4 pixel #6A2A31 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6A2A31; -webkit-box-shadow:4px 4px  
4px 4px #6A2A31; box-shadow:4px 4px 4px  
4px #6A2A31 }
```

Background

The CSS property to change the background color of an element to Hex 6A2A31 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6A2A31 }
```

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

```
.background{ background-color:#6A2A31 }
```

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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