

Converting Colors

Hex(6A2E49)

Have a look what the booklet for
Hex(6A2E49) contains.

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Color

Hex(6A2E49)

Conversions

Conversions Part 1

Format	Color
Hex	6A2E49
RGB	106, 46, 73
RGB Percent	42%, 18%, 29%
CMY	0.5843, 0.8196, 0.7137
CMYK	0.00, 0.57, 0.31, 0.58
HSL	333°, 39%, 30%
HSV	333°, 57%, 42%
XYZ	8.1235, 5.4992, 6.9366
YIQ	67.0180, 27.0930, 21.1170

Conversions

Conversions Part 2

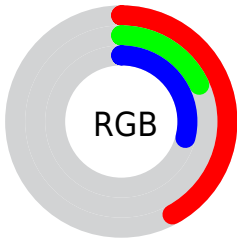
Format	Color
R_{YB}	106, 46, 73
Decimal	6958665
CIE Lab	28.11, 30.11, -3.82
CIE LCh	28, 30.347, 352.764
Yxy	5.4992, 0.3951, 0.2675
Android (android.graphics.Color)	4285148745 (0xFF6A2E49)
YUV	67.0180, 2.9491, 34.1872
Hunter-Lab	23.4504, 20.7961, -1.1227

Details

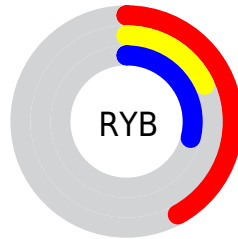
The Hex color **6A2E49** is a dark color, and the websafe version is hex **660033**. A complement of this color would be **2E6A4F**, and the grayscale version is **434343**.

A 20% lighter version of the original color is **9F5E7A**, and **38001E** is the 20% darker color. If you saturate the color by 10%, you get **6A2343**, and if you desaturate by 10%, it is **6A394F**.

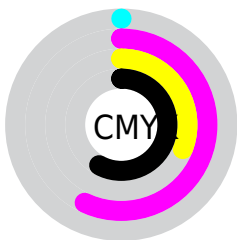
Distribution



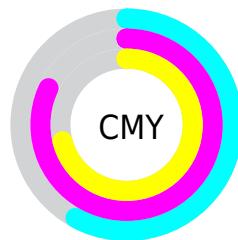
- Red (42%)
- Green (18%)
- Blue (29%)



- Red (42%)
- Yellow (18%)
- Blue (29%)



- Cyan (0%)
- Magenta (57%)
- Yellow (31%)
- Black (58%)



- Cyan (58%)
- Magenta (82%)
- Yellow (71%)

Brightness & Saturation Gradients

These gradients show how the Hex color 6A2E49 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 6A2E49 by changing the saturation by 10% instead.

 6A2E49

 6A2E49

FFFFFF

 501633

 9F5E7A

 38001E

 BB7893

 230002

 D792AE

 000000

 F4ADC9

 FFC9E5

 FFE5FF

 6A2E49

 6A2E49

 6A2343

 6A394F

 6A193D

 6A4355

 6A0E38

 6A4E5A

 6A0432

 6A5860

 6A0030

 6A6366

 6A6E6C

 6A7872

 6A8378

 6A8D7D

Harmonies

Analogous

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



59355F



6A2E49



6D2F32

Triad

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



6A2E49



3E4614



004C67

Complementary

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



6A2E49



2E6A4F

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.



004E54



6A2E49



214B25

Square

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



6A2E49



543F12



004D3C



004771

Rectangle

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



6A2E49



693324



004D3C



004D61

Sweetspot

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



6A2E49



8A727D



4F2E6A



45373D



C4C4C4



454545

Same Dimension

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



6A2E49



8A2C56



6A312E



363033



750035



F5006E

Inverse Universe

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



6A2E49



8A2C56



2E676A



363033



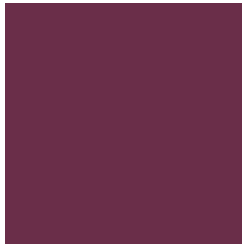
750035



F5006E

Previews

White Background



This preview shows how the Hex color 6A2E49 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

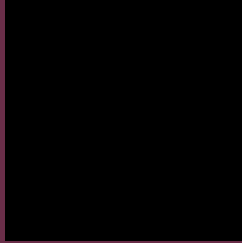
Any Text WCAG AA × Fail

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 6A2E49 Background



This preview shows how black text looks on a background with the Hex color 6A2E49.



This preview shows how white text looks on a background with the Hex color 6A2E49.

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
6A2E49

Protanopia
3E4256

Deuteranopia
484146



Tritanopia
683236

Trichromacy



Original Color
6A2E49

Protanomaly
4E3B51

Deuteranomaly
543A47

Tritanomaly
69313D

Monochromacy



Original Color
6A2E49

Achromatopsia
434343

Achromatomaly
513B45

CSS Examples

Text

The CSS property to change the color of the text to Hex 6A2E49 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 #6A2E49 looks like.

```
.text, #text, p{  
    color:#6A2E49  
}
```

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 #6A2E49 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6A2E49
}
```

Border

The CSS property to change the border of an element to Hex 6A2E49 is called "border". The border property can be set on classes, ids or directly on the HTML element.

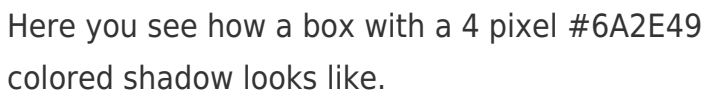
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#6A2E49 }
```

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

```
.border{ border-color:#6A2E49 }
```

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



Here you see how a box with a 4 pixel #6A2E49 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6A2E49; -webkit-box-shadow:4px 4px  
4px 4px #6A2E49; box-shadow:4px 4px 4px  
4px #6A2E49 }
```

Background

The CSS property to change the background color of an element to Hex 6A2E49 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6A2E49 }
```

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

```
.background{ background-color:#6A2E49 }
```

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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