

Converting Colors

Hex(6A2A36)

Have a look what the booklet for
Hex(6A2A36) contains.

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Color

Hex(6A2A36)

Conversions

Conversions Part 1

Format	Color
Hex	6A2A36
RGB	106, 42, 54
RGB Percent	42%, 16%, 21%
CMY	0.5843, 0.8353, 0.7882
CMYK	0.00, 0.60, 0.49, 0.58
HSL	349°, 43%, 29%
HSV	349°, 60%, 42%
XYZ	7.4377, 4.9864, 4.0605
YIQ	62.5040, 34.2920, 17.3000

Conversions

Conversions Part 2

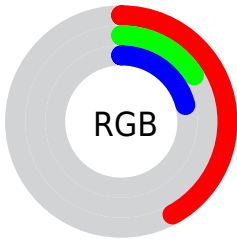
Format	Color
RYB	106, 42, 54
Decimal	6957622
CIELab	26.70, 29.83, 6.79
CIElCh	27, 30.592, 12.832
Yxy	4.9864, 0.4512, 0.3025
Android (android.graphics.Color)	4285147702 (0xFF6A2A36)
YUV	62.5040, -4.1925, 38.1460
Hunter-Lab	22.3303, 20.3758, 4.8501

Details

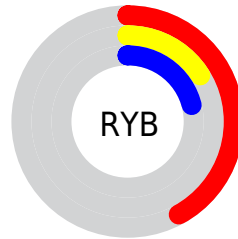
The Hex color **6A2A36** is a dark color, and the websafe version is hex **663333**. A complement of this color would be **2A6A5E**, and the grayscale version is **3F3F3F**.

A 20% lighter version of the original color is **A05A65**, and **370009** is the 20% darker color. If you saturate the color by 10%, you get **6A1F2D**, and if you desaturate by 10%, it is **6A353F**.

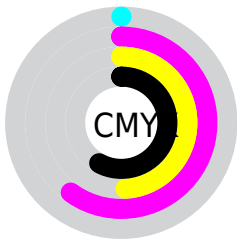
Distribution



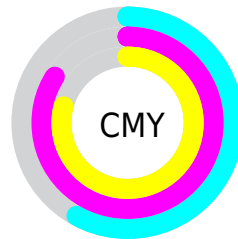
- Red (42%)
- Green (16%)
- Blue (21%)



- Red (42%)
- Yellow (16%)
- Blue (21%)



- Cyan (0%)
- Magenta (60%)
- Yellow (49%)
- Black (58%)



- Cyan (58%)
- Magenta (84%)
- Yellow (79%)

Brightness & Saturation Gradients

These gradients show how the Hex color 6A2A36 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 6A2A36 by changing the saturation by 10% instead.

 6A2A36

 6A2A36

FFFFFF

 501221

 A05A65

 370009

 BC747D

 1D0001

 D98E97

 000000

 F6A9B2

 FFC4CD

 FFE0EA

 FFFDFD

 6A2A36

 6A2A36

■ 6A1F2D

■ 6A353F

■ 6A1525

■ 6A3F47

■ 6A0A1C

■ 6A4A50

■ 6A0014

■ 6A5458

■ 6A5F61

■ 6A6A6A

■ 6A7472

■ 6A7F7B

■ 6A8984

Harmonies

Analogous

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



632C4D



6A2A36



653020

Triad

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



6A2A36



28471B



00456C

Complementary

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



6A2A36



2A6A5E

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.



00495E



6A2A36



004A31

Square

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



6A2A36



42410E



004B49



263E6D

Rectangle

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



6A2A36



5C3615



004B49



004768

Sweetspot

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



6A2A36



8A7176



5D2A6A



453639



C4C4C4



454545

Same Dimension

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



6A2A36



8A2739



6A3D2A



363031



750016



F5002E

Inverse Universe

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



6A2A36



8A2739



2A576A



363031



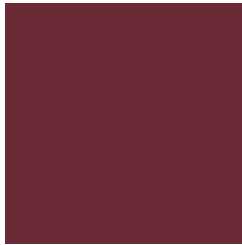
750016



F5002E

Previews

White Background



This preview shows how the Hex color 6A2A36 looks on a white background.

Color Contrast Check

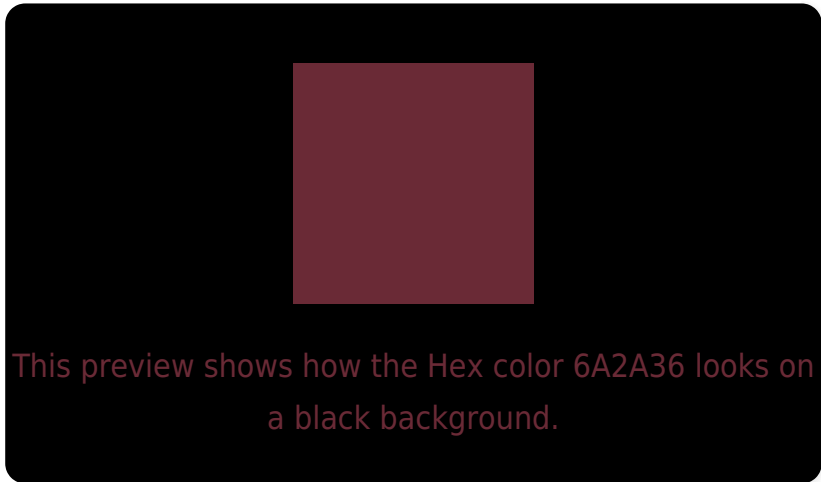
Large Text (above 18pt) WCAG AA ✓ Pass

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

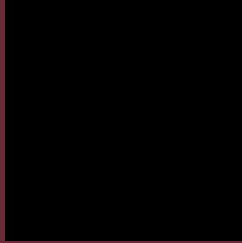
Any Text WCAG AA × Fail

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 6A2A36 Background



This preview shows how black text looks on a background with the Hex color 6A2A36.



This preview shows how white text looks on a background with the Hex color 6A2A36.

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
6A2A36

Protanopia
414041

Deuteranopia
4B3E33



Tritanopia
6A2B2E

Trichromacy



Original Color
6A2A36

Protanomaly
50383D

Deuteranomaly
563734

Tritanomaly
6A2B31

Monochromacy



Original Color
6A2A36

Achromatopsia
3F3F3F

Achromatomaly
4F373C

CSS Examples

Text

The CSS property to change the color of the text to Hex 6A2A36 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 #6A2A36 looks like.

```
.text, #text, p{  
    color:#6A2A36  
}
```

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 #6A2A36 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6A2A36
}
```

Border

The CSS property to change the border of an element to Hex 6A2A36 is called "border". The border property can be set on classes, ids or directly on the HTML element.

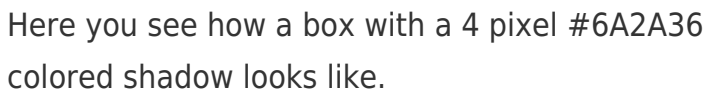
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#6A2A36 }
```

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

```
.border{ border-color:#6A2A36 }
```

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



Here you see how a box with a 4 pixel #6A2A36 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6A2A36; -webkit-box-shadow:4px 4px  
4px 4px #6A2A36; box-shadow:4px 4px 4px  
4px #6A2A36 }
```

Background

The CSS property to change the background color of an element to Hex 6A2A36 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6A2A36 }
```

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

```
.background{ background-color:#6A2A36 }
```

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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