

Converting Colors

Hex(6A203D)

Have a look what the booklet for
Hex(6A203D) contains.

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Color

Hex(6A203D)

Conversions

Conversions Part 1

Format	Color
Hex	6A203D
RGB	106, 32, 61
RGB Percent	42%, 13%, 24%
CMY	0.5843, 0.8745, 0.7608
CMYK	0.00, 0.70, 0.42, 0.58
HSL	336°, 54%, 27%
HSV	336°, 70%, 42%
XYZ	7.3027, 4.4341, 4.8859
YIQ	57.4320, 34.7950, 24.7070

Conversions

Conversions Part 2

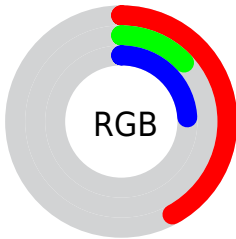
Format	Color
RYB	106, 32, 61
Decimal	6955069
CIELab	25.06, 35.59, -0.28
CIELCh	25, 35.590, 359.547
Yxy	4.4341, 0.4393, 0.2668
Android (android.graphics.Color)	4285145149 (0xFF6A203D)
YUV	57.4320, 1.7590, 42.5941
Hunter-Lab	21.0573, 25.0534, 0.9833

Details

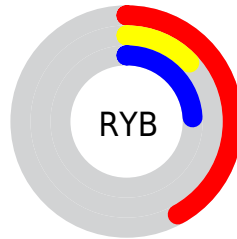
The Hex color **6A203D** is a dark color, and the websafe version is hex **660033**. A complement of this color would be **206A4D**, and the grayscale version is **393939**.

A 20% lighter version of the original color is **A0526C**, and **370013** is the 20% darker color. If you saturate the color by 10%, you get **6A1537**, and if you desaturate by 10%, it is **6A2B43**.

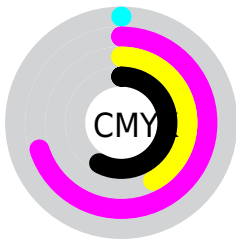
Distribution



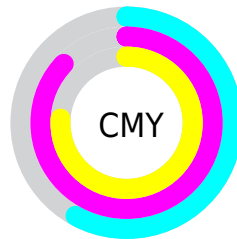
- Red (42%)
- Green (13%)
- Blue (24%)



- Red (42%)
- Yellow (13%)
- Blue (24%)



- Cyan (0%)
- Magenta (70%)
- Yellow (42%)
- Black (58%)



- Cyan (58%)
- Magenta (87%)
- Yellow (76%)

Brightness & Saturation Gradients

These gradients show how the Hex color 6A203D 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 6A203D by changing the saturation by 10% instead.

 6A203D

 6A203D

FFFFFF

 500327

 A0526C

 370013

 BC6B85

 1C0001

 D985A0

 000000

 F6A0BB

 FFBBD6

 FFD8F3

 FFF4FF

 6A203D

 6A203D

■ 6A1537

■ 6A2B43

■ 6A0B30

■ 6A354A

■ 6A002A

■ 6A4050

■ 6A4A57

■ 6A555D

■ 6A6064

■ 6A6A6A

■ 6A7571

■ 6A7F77

Harmonies

Analogous

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



5B2857



6A203D



6A2423

Triad

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



6A203D



2E4206



00456A

Complementary

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



6A203D



206A4D

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.



004855



6A203D



00461F

Square

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



6A203D



493A00



00483A



003F71

Rectangle

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



6A203D



632B13



00483A



004664

Sweetspot

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



6A203D



8A6D78



4C206A



45343A



C4C4C4



454545

Same Dimension

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



6A203D



8A1643



6A2720



363032



75002E



F50060

Inverse Universe

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



6A203D



8A1643



20636A



363032



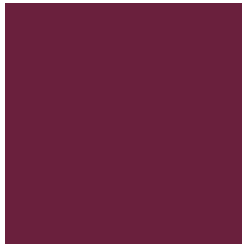
75002E



F50060

Previews

White Background



This preview shows how the Hex color 6A203D looks on a white background.

Color Contrast Check

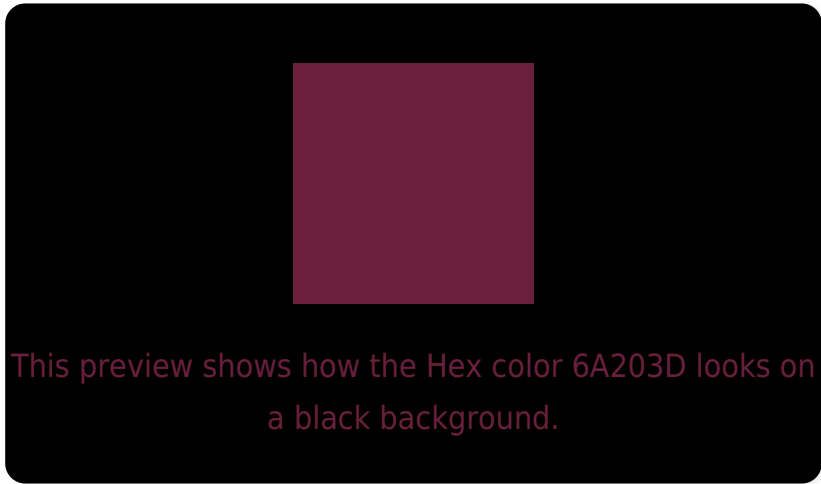
Large Text (above 18pt) WCAG AA ✓ Pass

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

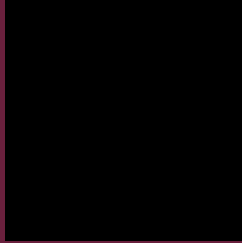
Any Text WCAG AA × Fail

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 6A203D Background



This preview shows how black text looks on a background with the Hex color 6A203D.

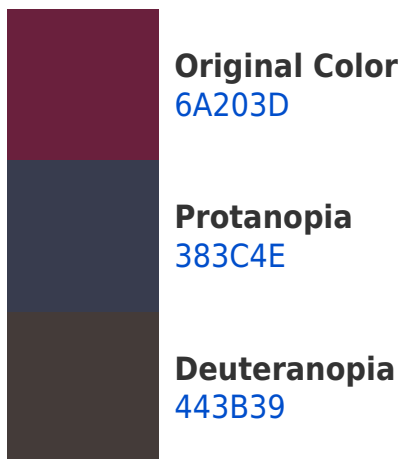


This preview shows how white text looks on a background with the Hex color 6A203D.

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



Trichromacy



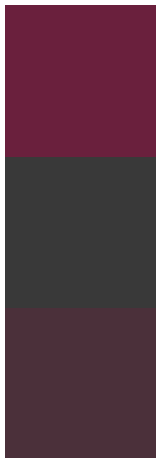
Original Color
6A203D

Protanomaly
4A3248

Deuteranomaly
52313A

Tritanomaly
69232F

Monochromacy



Original Color
6A203D

Achromatopsia
393939

Achromatomaly
4B303A

CSS Examples

Text

The CSS property to change the color of the text to Hex 6A203D 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 #6A203D looks like.

```
.text, #text, p{  
    color:#6A203D  
}
```

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 #6A203D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6A203D
}
```

Border

The CSS property to change the border of an element to Hex 6A203D 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".

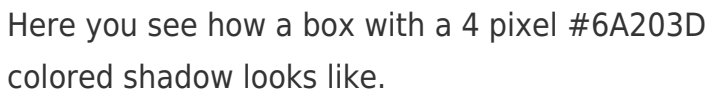
```
.border, #border, table{ border:4px solid
#6A203D }
```

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

```
.border{ border-color:#6A203D }
```

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

Here you see how a box with a 4 pixel #6A203D colored shadow looks like.

A rectangular box with a dark red border and a dark red shadow. The shadow is cast to the right and bottom of the box, creating a 3D effect. The text inside the box is black and reads: "Here you see how a box with a 4 pixel #6A203D colored shadow looks like."

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6A203D; -webkit-box-shadow:4px 4px  
4px 4px #6A203D; box-shadow:4px 4px 4px  
4px #6A203D }
```

Background

The CSS property to change the background color of an element to Hex 6A203D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6A203D }
```

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

```
.background{ background-color:#6A203D }
```

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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