

Converting Colors

Hex(6A204D)

Have a look what the booklet for
Hex(6A204D) contains.

Hex(6A204D)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(6A204D)

Conversions

Conversions Part 1

Format	Color
Hex	6A204D
RGB	106, 32, 77
RGB Percent	42%, 13%, 30%
CMY	0.5843, 0.8745, 0.6980
CMYK	0.00, 0.70, 0.27, 0.58
HSL	324°, 54%, 27%
HSV	324°, 70%, 42%
XYZ	7.7999, 4.6330, 7.5043
YIQ	59.2560, 29.6590, 29.6830

Conversions

Conversions Part 2

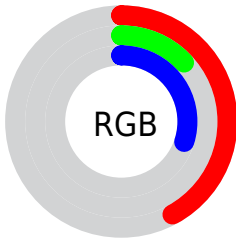
Format	Color
R_{YB}	106, 32, 77
Decimal	6955085
CIE Lab	25.66, 37.70, -10.17
CIE LCh	26, 39.048, 344.906
Yxy	4.6330, 0.3912, 0.2324
Android (android.graphics.Color)	4285145165 (0xFF6A204D)
YUV	59.2560, 8.7478, 40.9945
Hunter-Lab	21.5244, 27.0162, -5.6039

Details

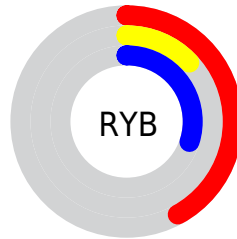
The Hex color **6A204D** is a dark color, and the websafe version is hex **660033**. A complement of this color would be **206A3D**, and the grayscale version is **3B3B3B**.

A 20% lighter version of the original color is **A0527E**, and **370021** is the 20% darker color. If you saturate the color by 10%, you get **6A1549**, and if you desaturate by 10%, it is **6A2B51**.

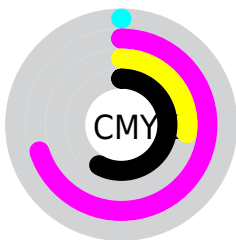
Distribution



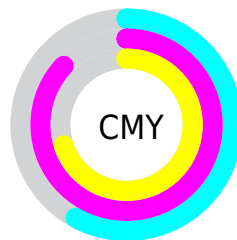
- Red (42%)
- Green (13%)
- Blue (30%)



- Red (42%)
- Yellow (13%)
- Blue (30%)



- Cyan (0%)
- Magenta (70%)
- Yellow (27%)
- Black (58%)



- Cyan (58%)
- Magenta (87%)
- Yellow (70%)

Brightness & Saturation Gradients

These gradients show how the Hex color 6A204D 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 6A204D by changing the saturation by 10% instead.

 6A204D

 6A204D

FFFFFF

 500236

 A0527E

 370021

 BC6C98

 200007

 D886B3

 000000

 F5A1CE

 FFBCEA

 FFD8FF

 FFF5FF

 6A204D

 6A204D

■ 6A1549

■ 6A2B51

■ 6A0B45

■ 6A3555

■ 6A0041

■ 6A4059

■ 6A0040

■ 6A4A5E

■ 6A5562

■ 6A6066

■ 6A6A6A

■ 6A756E

■ 6A7F72

Harmonies

Analogous

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



502E67



6A204D



711D2F

Triad

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



6A204D



3D4000



004966

Complementary

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



6A204D



206A3D

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.



004A4B



6A204D



19460E

Square

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



6A204D



573600



00492C



004476

Rectangle

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



6A204D



6D241D



00492C



004A5E

Sweetspot

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



6A204D



8A6D7E



3C206A



45343E



C4C4C4



454545

Same Dimension

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



6A204D



8A165C



6A2029



363033



750047



F50095

Inverse Universe

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



6A204D



8A165C



206A61



363033



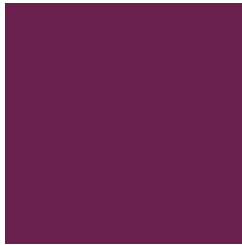
750047



F50095

Previews

White Background



This preview shows how the Hex color 6A204D looks on a white background.

Color Contrast Check

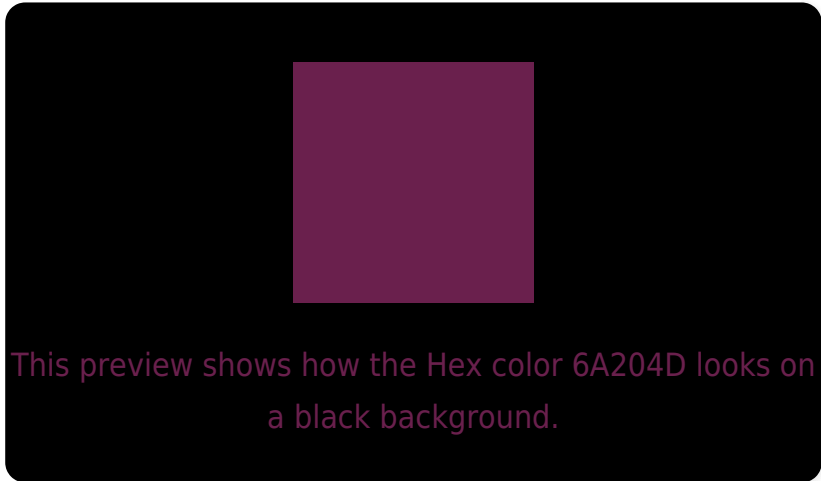
Large Text (above 18pt) WCAG AA ✓ Pass

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

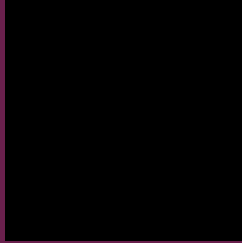
Any Text WCAG AA × Fail

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 6A204D Background



This preview shows how black text looks on a background with the Hex color 6A204D.



This preview shows how white text looks on a background with the Hex color 6A204D.

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
6A204D

Protanopia
303D62

Deuteranopia
3F3D49



Tritanopia
67292C

Trichromacy



Original Color
6A204D

Protanomaly
45325A

Deuteranomaly
4F324A

Tritanomaly
682638

Monochromacy



Original Color
6A204D

Achromatopsia
3B3B3B

Achromatomaly
4C3142

CSS Examples

Text

The CSS property to change the color of the text to Hex 6A204D 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 #6A204D looks like.

```
.text, #text, p{  
    color:#6A204D  
}
```

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 #6A204D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6A204D
}
```

Border

The CSS property to change the border of an element to Hex 6A204D is called "border". The border property can be set on classes, ids or directly on the HTML element.

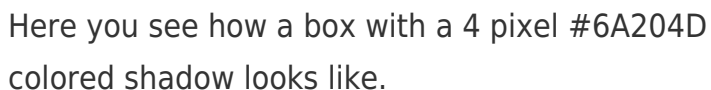
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#6A204D }
```

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

```
.border{ border-color:#6A204D }
```

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



Here you see how a box with a 4 pixel #6A204D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6A204D; -webkit-box-shadow:4px 4px  
4px 4px #6A204D; box-shadow:4px 4px 4px  
4px #6A204D }
```

Background

The CSS property to change the background color of an element to Hex 6A204D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6A204D }
```

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

```
.background{ background-color:#6A204D }
```

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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