

Converting Colors

Hex(6A1C49)

Have a look what the booklet for
Hex(6A1C49) contains.

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Color

Hex(6A1C49)

Conversions

Conversions Part 1

Format	Color
Hex	6A1C49
RGB	106, 28, 73
RGB Percent	42%, 11%, 29%
CMY	0.5843, 0.8902, 0.7137
CMYK	0.00, 0.74, 0.31, 0.58
HSL	325°, 58%, 26%
HSV	325°, 74%, 42%
XYZ	7.5617, 4.3757, 6.7494
YIQ	56.4520, 32.0430, 30.5310

Conversions

Conversions Part 2

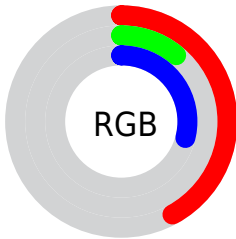
Format	Color
R_{YB}	106, 28, 73
Decimal	6954057
CIE Lab	24.88, 38.85, -8.68
CIE LCh	25, 39.810, 347.413
Yxy	4.3757, 0.4047, 0.2342
Android (android.graphics.Color)	4285144137 (0xFF6A1C49)
YUV	56.4520, 8.1582, 43.4536
Hunter-Lab	20.9182, 27.9189, -4.4875

Details

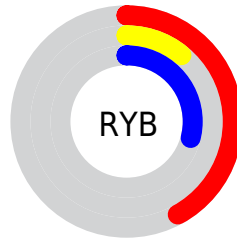
The Hex color **6A1C49** is a dark color, and the websafe version is hex **660033**. A complement of this color would be **1C6A3D**, and the grayscale version is **383838**.

A 20% lighter version of the original color is **A04F7A**, and **37001D** is the 20% darker color. If you saturate the color by 10%, you get **6A1145**, and if you desaturate by 10%, it is **6A274D**.

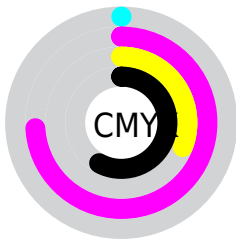
Distribution



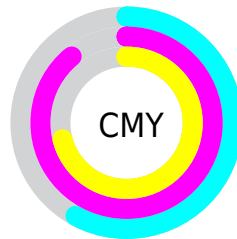
- Red (42%)
- Green (11%)
- Blue (29%)



- Red (42%)
- Yellow (11%)
- Blue (29%)



- Cyan (0%)
- Magenta (74%)
- Yellow (31%)
- Black (58%)



- Cyan (58%)
- Magenta (89%)
- Yellow (71%)

Brightness & Saturation Gradients

These gradients show how the Hex color 6A1C49 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 6A1C49 by changing the saturation by 10% instead.

 6A1C49

 6A1C49

FFFFFF

 500032

 A04F7A

 37001D

 BC6893

 1E0001

 D983AE

 000000

 F69DC9

 FFB9E5

 FFD5FF

 FFF2FF

 6A1C49

 6A1C49

■ 6A1145

■ 6A274D

■ 6A0740

■ 6A3152

■ 6A003D

■ 6A3C56

■ 6A465B

■ 6A515F

■ 6A5C64

■ 6A6668

■ 6A716D

■ 6A7B71

Harmonies

Analogous

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



522A64



6A1C49



701B2B

Triad

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



6A1C49



393F00



004767

Complementary

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



6A1C49



1C6A3D

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.



00494C



6A1C49



10450E

Square

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



6A1C49



533500



00482D



004276

Rectangle

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



6A1C49



6B2318



00482D



00485F

Sweetspot

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



6A1C49



8A6B7D



3D1C6A



45333D



C4C4C4



454545

Same Dimension

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



6A1C49



8A1156



6A1C22



363033



750044



F5008D

Inverse Universe

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



6A1C49



8A1156



1C6A63



363033



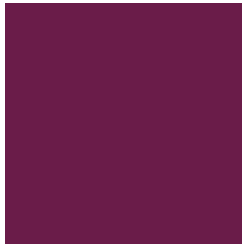
750044



F5008D

Previews

White Background



This preview shows how the Hex color 6A1C49 looks on a white background.

Color Contrast Check

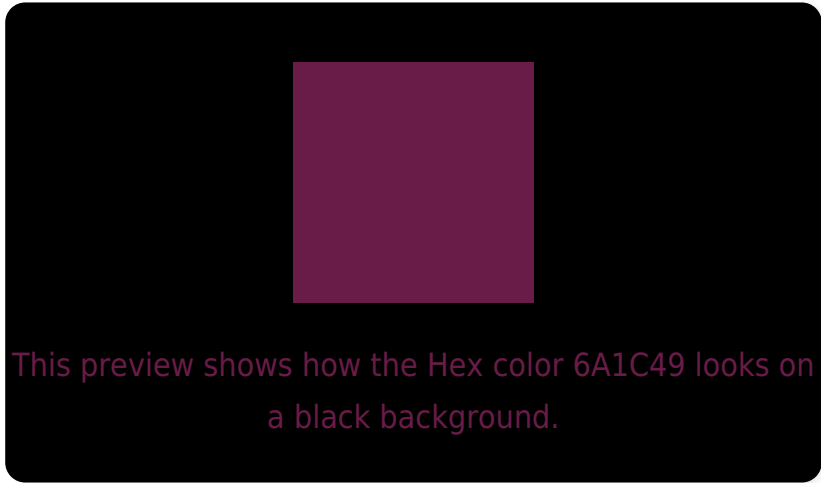
Large Text (above 18pt) WCAG AA ✓ Pass

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

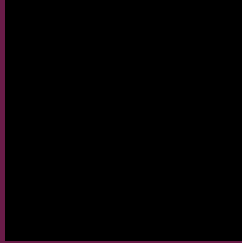
Any Text WCAG AA × Fail

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 6A1C49 Background



This preview shows how black text looks on a background with the Hex color 6A1C49.



This preview shows how white text looks on a background with the Hex color 6A1C49.

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
6A1C49

Protanopia
2F3B5F

Deuteranopia
3E3B45



Tritanopia
682628

Trichromacy



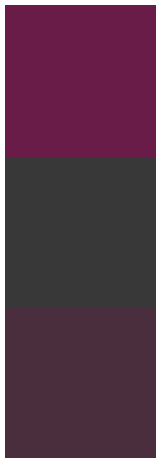
Original Color
6A1C49

Protanomaly
443057

Deuteranomaly
4E3046

Tritanomaly
692234

Monochromacy



Original Color
6A1C49

Achromatopsia
383838

Achromatomaly
4A2E3E

CSS Examples

Text

The CSS property to change the color of the text to Hex 6A1C49 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 #6A1C49 looks like.

```
.text, #text, p{  
    color:#6A1C49  
}
```

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 #6A1C49 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6A1C49
}
```

Border

The CSS property to change the border of an element to Hex 6A1C49 is called "border". The border property can be set on classes, ids or directly on the HTML element.

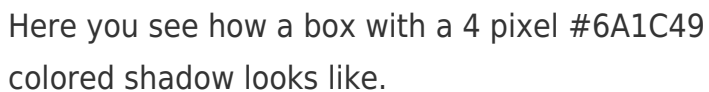
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#6A1C49 }
```

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

```
.border{ border-color:#6A1C49 }
```

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



Here you see how a box with a 4 pixel #6A1C49 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6A1C49; -webkit-box-shadow:4px 4px  
4px 4px #6A1C49; box-shadow:4px 4px 4px  
4px #6A1C49 }
```

Background

The CSS property to change the background color of an element to Hex 6A1C49 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6A1C49 }
```

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

```
.background{ background-color:#6A1C49 }
```

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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