

Converting Colors

Hex(6C1A47)

Have a look what the booklet for
Hex(6C1A47) contains.

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Color

Hex(6C1A47)

Conversions

Conversions Part 1

Format	Color
Hex	6C1A47
RGB	108, 26, 71
RGB Percent	42%, 10%, 28%
CMY	0.5765, 0.8980, 0.7216
CMYK	0.00, 0.76, 0.34, 0.58
HSL	327°, 61%, 26%
HSV	327°, 76%, 42%
XYZ	7.6911, 4.3819, 6.4017
YIQ	55.6480, 34.4270, 31.3790

Conversions

Conversions Part 2

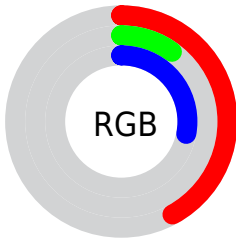
Format	Color
R_{YB}	108, 26, 71
Decimal	7084615
CIE _{Lab}	24.90, 39.99, -7.26
CIE _{LCh}	25, 40.644, 349.711
Yxy	4.3819, 0.4163, 0.2372
Android (android.graphics.Color)	4285274695 (0xFF6C1A47)
YUV	55.6480, 7.5685, 45.9127
Hunter-Lab	20.9329, 28.9510, -3.4789

Details

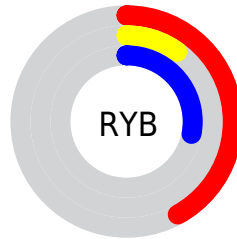
The Hex color **6C1A47** is a dark color, and the websafe version is hex **660033**. A complement of this color would be **1A6C3F**, and the grayscale version is **383838**.

A 20% lighter version of the original color is **A24E77**, and **39001C** is the 20% darker color. If you saturate the color by 10%, you get **6C0F42**, and if you desaturate by 10%, it is **6C254C**.

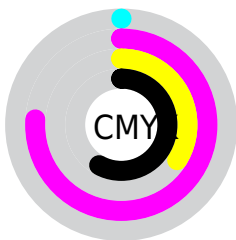
Distribution



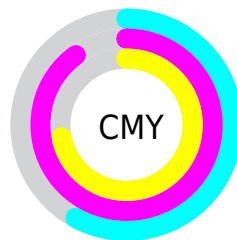
- Red (42%)
- Green (10%)
- Blue (28%)



- Red (42%)
- Yellow (10%)
- Blue (28%)



- Cyan (0%)
- Magenta (76%)
- Yellow (34%)
- Black (58%)



- Cyan (58%)
- Magenta (90%)
- Yellow (72%)

Brightness & Saturation Gradients

These gradients show how the Hex color 6C1A47 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 6C1A47 by changing the saturation by 10% instead.

6C1A47

6C1A47

FFFFFF

520031

A24E77

39001C

BF6791

200001

DB82AC

000000

F99CC7

FFB8E3

FFD4FF

FFF1FF

6C1A47

6C1A47

■ 6C0F42

■ 6C254C

■ 6C043D

■ 6C3051

■ 6C003B

■ 6C3A56

■ 6C455A

■ 6C505F

■ 6C5B64

■ 6C6669

■ 6C706E

■ 6C7B73

Harmonies

Analogous

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



552963



6C1A47



701A28

Triad

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



6C1A47



364000



00476A

Complementary

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



6C1A47



1A6C3F

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.



00494F



6C1A47



08450F

Square

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



6C1A47



523600



00482F



004278

Rectangle

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



6C1A47



6B2315



00482F



004862

Sweetspot

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



6C1A47



8C6C7E



3F1A6C



47333E



C7C7C7



474747

Same Dimension

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



6C1A47



8C0D53



6C1A1E



363033



750040



F50086

Inverse Universe

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



6C1A47



8C0D53



1A6C68



363033



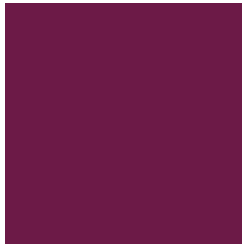
750040



F50086

Previews

White Background



This preview shows how the Hex color 6C1A47 looks on a white background.

Color Contrast Check

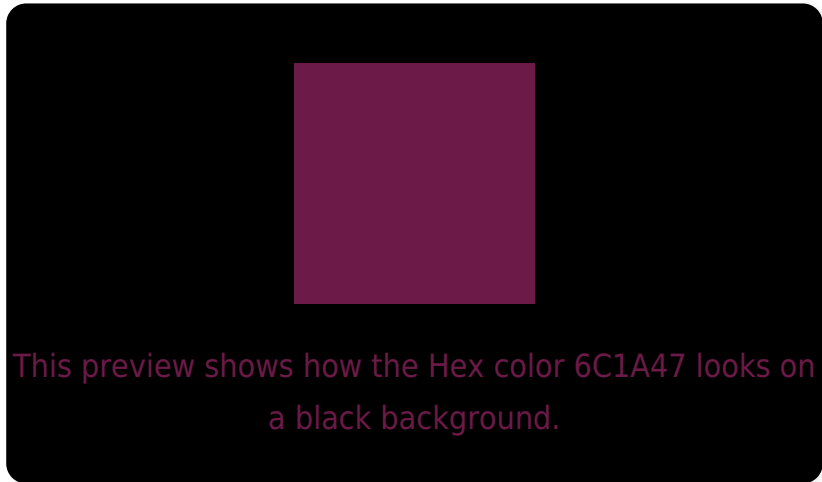
Large Text (above 18pt) WCAG AA ✓ Pass

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

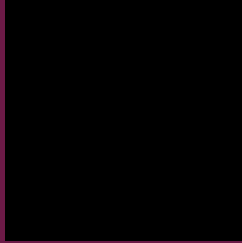
Any Text WCAG AA × Fail

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 6C1A47 Background



This preview shows how black text looks on a background with the Hex color 6C1A47.



This preview shows how white text looks on a background with the Hex color 6C1A47.

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
6C1A47

Protanopia
303C5E

Deuteranopia
403B43



Tritanopia
6A2426

Trichromacy



Original Color
6C1A47

Protanomaly
463056

Deuteranomaly
502F44

Tritanomaly
6B2032

Monochromacy



Original Color
6C1A47

Achromatopsia
383838

Achromatomaly
4B2D3D

CSS Examples

Text

The CSS property to change the color of the text to Hex 6C1A47 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 #6C1A47 looks like.

```
.text, #text, p{  
    color:#6C1A47  
}
```

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 #6C1A47 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6C1A47
}
```

Border

The CSS property to change the border of an element to Hex 6C1A47 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
#6C1A47 }
```

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

```
.border{ border-color:#6C1A47 }
```

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

Here you see how a box with a 4 pixel #6C1A47 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6C1A47; -webkit-box-shadow:4px 4px  
4px 4px #6C1A47; box-shadow:4px 4px 4px  
4px #6C1A47 }
```

Background

The CSS property to change the background color of an element to Hex 6C1A47 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6C1A47 }
```

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

```
.background{ background-color:#6C1A47 }
```

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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