

Converting Colors

Hex(6A1B71)

Have a look what the booklet for
Hex(6A1B71) contains.

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Color

Hex(6A1B71)

Conversions

Conversions Part 1

Format	Color
Hex	6A1B71
RGB	106, 27, 113
RGB Percent	42%, 11%, 44%
CMY	0.5843, 0.8941, 0.5569
CMYK	0.06, 0.76, 0.00, 0.56
HSL	295°, 61%, 27%
HSV	295°, 76%, 44%
XYZ	9.3164, 5.0403, 16.1046
YIQ	60.4250, 19.4780, 43.4940

Conversions

Conversions Part 2

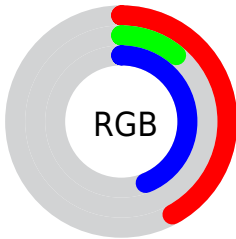
Format	Color
R_{YB}	106, 27, 113
Decimal	6953841
CIE _{Lab}	26.85, 45.84, -31.89
CIE _{LCh}	27, 55.844, 325.174
Yxy	5.0403, 0.3058, 0.1655
Android (android.graphics.Color)	4285143921 (0xFF6A1B71)
YUV	60.4250, 25.9195, 39.9693
Hunter-Lab	22.4506, 34.7844, -26.8155

Details

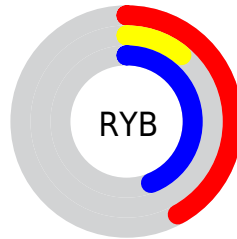
The Hex color **6A1B71** is a dark color, and the websafe version is hex **660066**. A complement of this color would be **22711B**, and the grayscale version is **3C3C3C**.

A 20% lighter version of the original color is **A050A5**, and **370040** is the 20% darker color. If you saturate the color by 10%, you get **691071**, and if you desaturate by 10%, it is **6B2671**.

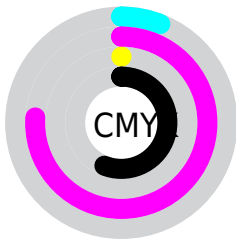
Distribution



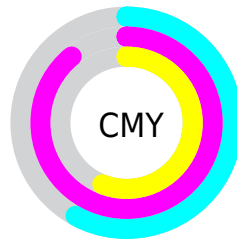
- Red (42%)
- Green (11%)
- Blue (44%)



- Red (42%)
- Yellow (11%)
- Blue (44%)



- Cyan (6%)
- Magenta (76%)
- Yellow (0%)
- Black (56%)



- Cyan (58%)
- Magenta (89%)
- Yellow (56%)

Brightness & Saturation Gradients

These gradients show how the Hex color 6A1B71 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 6A1B71 by changing the saturation by 10% instead.

6A1B71

6A1B71

FFFFFF

500058

A050A5

370040

BC6AC1

20002A

D884DD

000114

F69FF9

000000

FFBBFF

FFD7FF

FFF4FF

6A1B71

6A1B71

691071

6B2671

680471

6C3271

680071

6D3D71

6E4871

6F5471

705F71

706A71

717571

728171

Harmonies

Analogous

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



21378E



6A1B71



840048

Triad

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



6A1B71



553C00



005163

Complementary

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



6A1B71



22711B

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.



005037



6A1B71



2C4700

Square

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



6A1B71



732600



004E05



004F86

Rectangle

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



6A1B71



87002C



004E05



005155

Sweetspot

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



6A1B71



917294



1B2271



48354A



C9C9C9



4A4A4A

Same Dimension

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



6A1B71



890D94



711B4D



383238



6E0078



E300F7

Inverse Universe

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



711B22



940D18



1B713F



383233



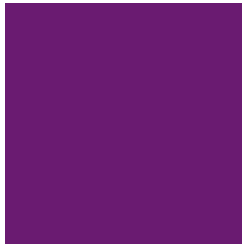
78000A



F70014

Previews

White Background



This preview shows how the Hex color 6A1B71 looks on a white background.

Color Contrast Check

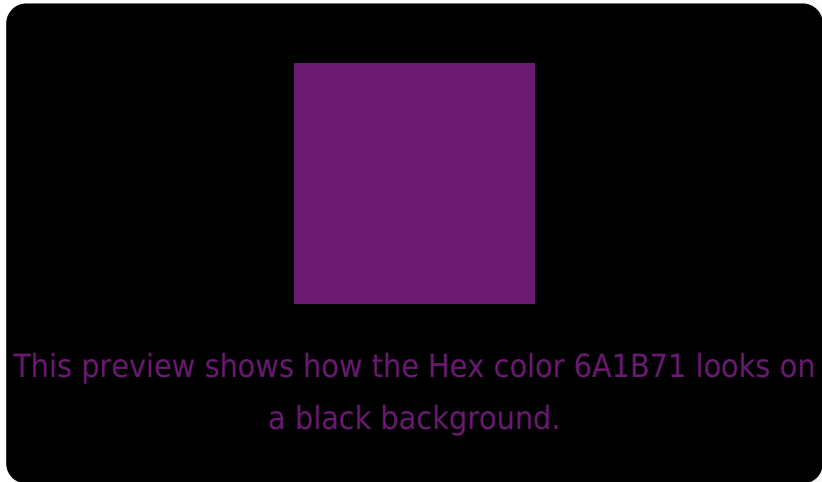
Large Text (above 18pt) WCAG AA ✓ Pass

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

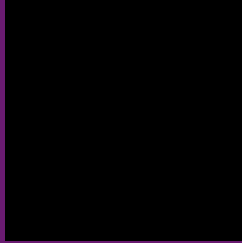
Any Text WCAG AA × Fail

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 6A1B71 Background



This preview shows how black text looks on a background with the Hex color 6A1B71.



This preview shows how white text looks on a background with the Hex color 6A1B71.

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
6A1B71

Protanopia
003F85

Deuteranopia
26416B



Tritanopia
633235

Trichromacy



Original Color
6A1B71



Protanomaly
27327E



Deuteranomaly
3F336D



Tritanomaly
662A4B

Monochromacy



Original Color
6A1B71



Achromatopsia
3C3C3C



Achromatomaly
4D304F

CSS Examples

Text

The CSS property to change the color of the text to Hex 6A1B71 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 #6A1B71 looks like.

```
.text, #text, p{  
    color:#6A1B71  
}
```

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 #6A1B71 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6A1B71
}
```

Border

The CSS property to change the border of an element to Hex 6A1B71 is called "border". The border property can be set on classes, ids or directly on the HTML element.

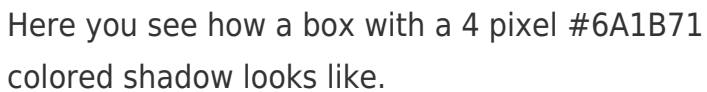
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#6A1B71 }
```

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

```
.border{ border-color:#6A1B71 }
```

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



Here you see how a box with a 4 pixel #6A1B71 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6A1B71; -webkit-box-shadow:4px 4px  
4px 4px #6A1B71; box-shadow:4px 4px 4px  
4px #6A1B71 }
```

Background

The CSS property to change the background color of an element to Hex 6A1B71 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6A1B71 }
```

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

```
.background{ background-color:#6A1B71 }
```

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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