

# Converting Colors

Hex(6A1D48)

Have a look what the booklet for  
Hex(6A1D48) contains.

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# Color

**Hex(6A1D48)**

# Conversions

## Conversions Part 1

Format	Color
Hex	6A1D48
RGB	106, 29, 72
RGB Percent	42%, 11%, 28%
CMY	0.5843, 0.8863, 0.7176
CMYK	0.00, 0.73, 0.32, 0.58
HSL	326°, 57%, 26%
HSV	326°, 73%, 42%
XYZ	7.5529, 4.4108, 6.5842
YIQ	56.9250, 32.0890, 29.6970

# Conversions

## Conversions Part 2

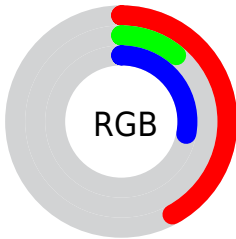
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	106, 29, 72
Decimal	6954312
CIE <sub>Lab</sub>	24.99, 38.30, -7.84
CIE <sub>LCh</sub>	25, 39.094, 348.436
Yxy	4.4108, 0.4072, 0.2378
Android (android.graphics.Color)	4285144392 (0xFF6A1D48)
YUV	56.9250, 7.4320, 43.0388
Hunter-Lab	21.0019, 27.4409, -3.8864

# Details

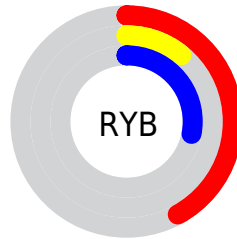
The Hex color **6A1D48** is a dark color, and the websafe version is hex **660033**. A complement of this color would be **1D6A3F**, and the grayscale version is **393939**.

A 20% lighter version of the original color is **A05078**, and **37001D** is the 20% darker color. If you saturate the color by 10%, you get **6A1243**, and if you desaturate by 10%, it is **6A284D**.

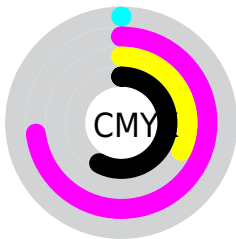
# Distribution



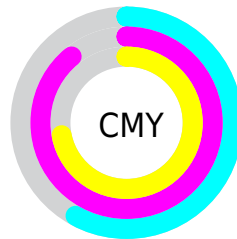
- Red (42%)
- Green (11%)
- Blue (28%)



- Red (42%)
- Yellow (11%)
- Blue (28%)



- Cyan (0%)
- Magenta (73%)
- Yellow (32%)
- Black (58%)



- Cyan (58%)
- Magenta (89%)
- Yellow (72%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 6A1D48 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 6A1D48 by changing the saturation by 10% instead.



 6A1D48

 6A1D48

FFFFFF

 500032

 A05078

 37001D

 BC6992

 1E0001

 D983AD

 000000

 F69EC8

 FFBAE4

 FFD6FF

 FFF3FF

 6A1D48

 6A1D48

■ 6A1243

■ 6A284D

■ 6A083F

■ 6A3251

■ 6A003B

■ 6A3D56

■ 6A475B

■ 6A525F

■ 6A5D64

■ 6A6769

■ 6A726D

■ 6A7C72

# Harmonies

## Analogous

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



532A63



6A1D48



6F1C2A

# Triad

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



6A1D48



383F00



004767

# Complementary

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



6A1D48



1D6A3F

# 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.



00494D



6A1D48



104510

# Square

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



6A1D48



523600



00482E



004275

# Rectangle

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



6A1D48



6A2418



00482E



00485F



# Sweetspot

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



6A1D48



8A6B7C



3E1D6A



45333D



C4C4C4



454545



# Same Dimension

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



6A1D48



8A1255



6A1D22



363033



750042



F50089



# Inverse Universe

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



6A1D48



8A1255



1D6A65



363033



750042

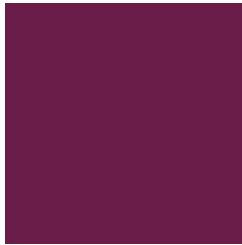


F50089



# Previews

## White Background



This preview shows how the Hex color 6A1D48 looks on a white background.

## Color Contrast Check

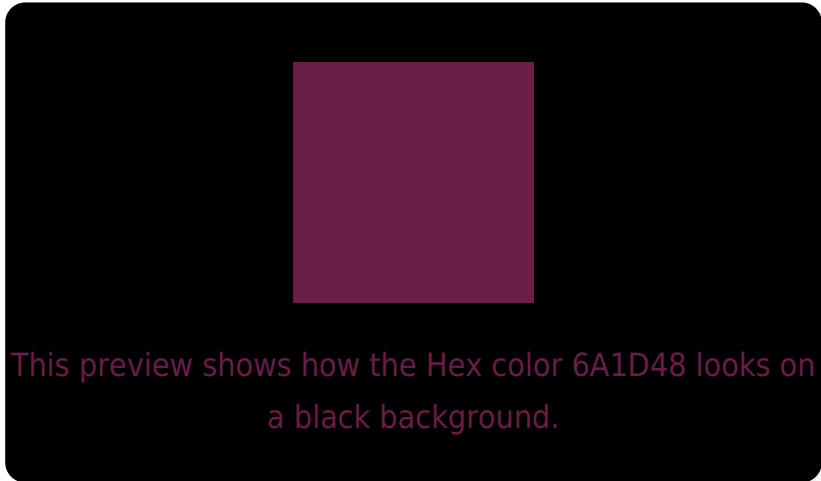
Large Text (above 18pt) WCAG AA ✓ Pass

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

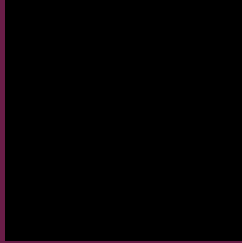
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 6A1D48 Background



This preview shows how black text looks on a background with the Hex color 6A1D48.



This preview shows how white text looks on a background with the Hex color 6A1D48.

# 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**  
6A1D48

**Protanopia**  
313C5E

**Deuteranopia**  
3F3B44



**Tritanopia**  
682628

# Trichromacy



**Original Color**  
6A1D48

**Protanomaly**  
463156

**Deuteranomaly**  
4F3045

**Tritanomaly**  
692334

# Monochromacy



**Original Color**  
6A1D48

**Achromatopsia**  
393939

**Achromatomaly**  
4B2F3E

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 6A1D48 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 #6A1D48 looks like.

```
.text, #text, p{  
    color:#6A1D48  
}
```

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 #6A1D48 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6A1D48  
}
```

## Border

The CSS property to change the border of an element to Hex 6A1D48 is called "border". The border property can be set on classes, ids or directly on the HTML element.

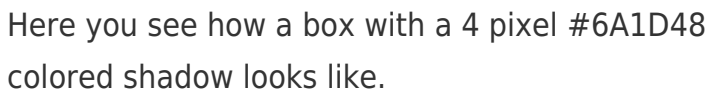
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid  
#6A1D48 }
```

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

```
.border{ border-color:#6A1D48 }
```

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



Here you see how a box with a 4 pixel #6A1D48 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6A1D48; -webkit-box-shadow:4px 4px  
4px 4px #6A1D48; box-shadow:4px 4px 4px  
4px #6A1D48 }
```

# Background

The CSS property to change the background color of an element to Hex 6A1D48 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6A1D48 }
```

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

```
.background{ background-color:#6A1D48 }
```

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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