

# Converting Colors

Hex(6A1D37)

Have a look what the booklet for  
Hex(6A1D37) contains.

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# Color

**Hex(6A1D37)**

# Conversions

## Conversions Part 1

Format	Color
Hex	6A1D37
RGB	106, 29, 55
RGB Percent	42%, 11%, 22%
CMY	0.5843, 0.8863, 0.7843
CMYK	0.00, 0.73, 0.48, 0.58
HSL	340°, 57%, 26%
HSV	340°, 73%, 42%
XYZ	7.0728, 4.2187, 4.0559
YIQ	54.9870, 37.5460, 24.4100

# Conversions

## Conversions Part 2

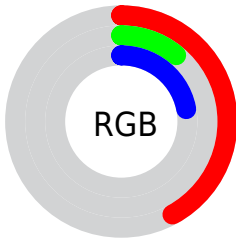
Format	Color
<a href="#">RYB</a>	<a href="#">106, 29, 55</a>
Decimal	<a href="#">6954295</a>
CIELab	<a href="#">24.38, 36.25, 2.83</a>
CIElCh	<a href="#">24, 36.358, 4.463</a>
Yxy	<a href="#">4.2187, 0.4608, 0.2749</a>
Android (android.graphics.Color)	<a href="#">4285144375</a> ( <a href="#">0xFF6A1D37</a> )
YUV	<a href="#">54.9870, 0.0064, 44.7384</a>
Hunter-Lab	<a href="#">20.5396, 25.5224, 2.6697</a>

# Details

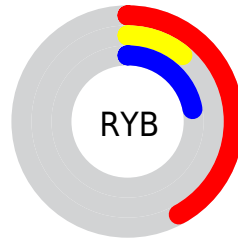
The Hex color **6A1D37** is a dark color, and the websafe version is hex **660033**. A complement of this color would be **1D6A50**, and the grayscale version is **373737**.

A 20% lighter version of the original color is **A14F66**, and **37000B** is the 20% darker color. If you saturate the color by 10%, you get **6A1230**, and if you desaturate by 10%, it is **6A283E**.

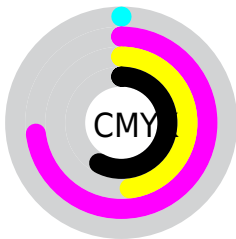
# Distribution



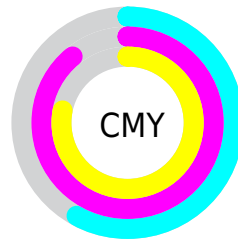
- Red (42%)
- Green (11%)
- Blue (22%)



- Red (42%)
- Yellow (11%)
- Blue (22%)



- Cyan (0%)
- Magenta (73%)
- Yellow (48%)
- Black (58%)



- Cyan (58%)
- Magenta (89%)
- Yellow (78%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 6A1D37 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 6A1D37 by changing the saturation by 10% instead.



 6A1D37

 6A1D37

FFFFFF

 500022

 A14F66

 37000B

 BD687F

 190001

 DA8398

 000000

 F79DB3

 FFB9CF

 FFD5EB

 FFF2FF

 6A1D37

 6A1D37

■ 6A1230

■ 6A283E

■ 6A0829

■ 6A3245

■ 6A0024

■ 6A3D4C

■ 6A4753

■ 6A525A

■ 6A5D61

■ 6A6768

■ 6A726F

■ 6A7C76

# Harmonies

## Analogous

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



5E2452



6A1D37



67241D

# Triad

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



6A1D37



274106



00436B

# Complementary

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



6A1D37



1D6A50

# 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.



004658



6A1D37



004521

# Square

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



6A1D37



433A00



00463D



003C71

# Rectangle

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



6A1D37



5F2C0C



00463D



004466



# Sweetspot

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



6A1D37



8A6B76



4F1D6A



453339



C4C4C4



454545



# Same Dimension

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



6A1D37



8A123A



6A291D



363032



750028



F50053



# Inverse Universe

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



6A1D37



8A123A



1D5E6A



363032



750028

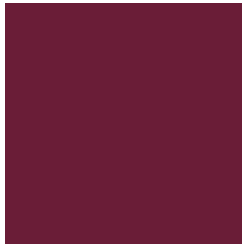


F50053



# Previews

## White Background



This preview shows how the Hex color 6A1D37 looks on a white background.

## Color Contrast Check

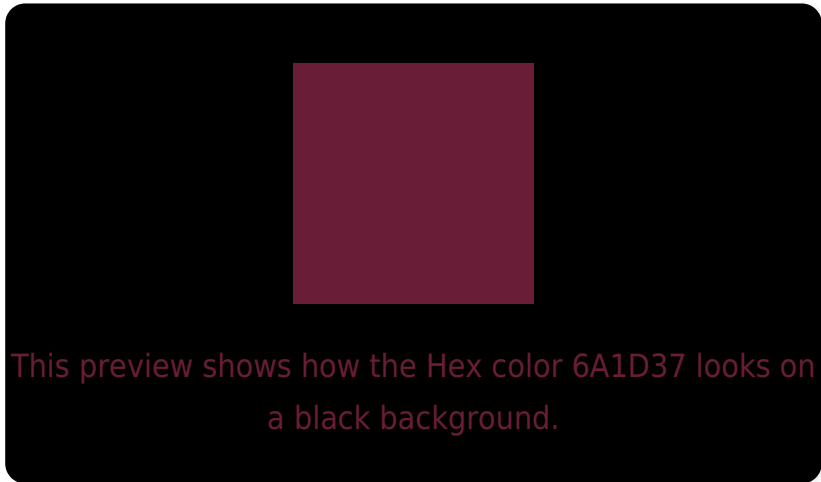
Large Text (above 18pt) WCAG AA ✓ Pass

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 6A1D37 Background



This preview shows how black text looks on a background with the Hex color 6A1D37.



This preview shows how white text looks on a background with the Hex color 6A1D37.

# 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**  
6A1D37

**Protanopia**  
393B48

**Deuteranopia**  
443933



**Tritanopia**  
692223

# Trichromacy



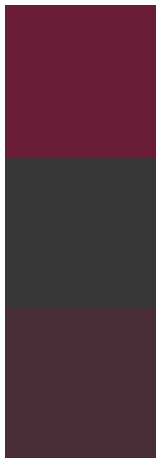
**Original Color**  
6A1D37

**Protanomaly**  
4B3042

**Deuteranomaly**  
522F34

**Tritanomaly**  
69202A

# Monochromacy



**Original Color**  
6A1D37

**Achromatopsia**  
373737

**Achromatomaly**  
4A2E37

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 6A1D37 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 #6A1D37 looks like.

```
.text, #text, p{  
    color:#6A1D37  
}
```

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 #6A1D37 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6A1D37
}
```

## Border

The CSS property to change the border of an element to Hex 6A1D37 is called "border". The border property can be set on classes, ids or directly on the HTML element.

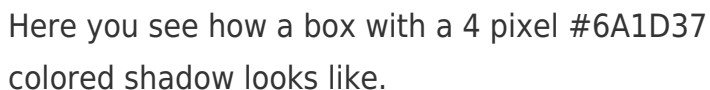
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#6A1D37 }
```

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

```
.border{ border-color:#6A1D37 }
```

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



Here you see how a box with a 4 pixel #6A1D37 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6A1D37; -webkit-box-shadow:4px 4px  
4px 4px #6A1D37; box-shadow:4px 4px 4px  
4px #6A1D37 }
```

# Background

The CSS property to change the background color of an element to Hex 6A1D37 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6A1D37 }
```

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

```
.background{ background-color:#6A1D37 }
```

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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