

Converting Colors

Hex(6A1870)

Have a look what the booklet for
Hex(6A1870) contains.

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Color

Hex(6A1870)

Conversions

Conversions Part 1

Format	Color
Hex	6A1870
RGB	106, 24, 112
RGB Percent	42%, 9%, 44%
CMY	0.5843, 0.9059, 0.5608
CMYK	0.05, 0.79, 0.00, 0.56
HSL	296°, 65%, 27%
HSV	296°, 79%, 44%
XYZ	9.1951, 4.8873, 15.7879
YIQ	58.5500, 20.6240, 44.7520

Conversions

Conversions Part 2

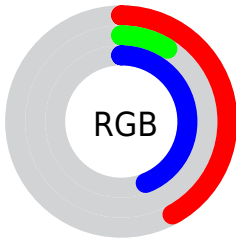
Format	Color
R _{YB}	106, 24, 112
Decimal	6953072
CIE Lab	26.41, 46.72, -31.95
CIE LCh	26, 56.603, 325.637
Yxy	4.8873, 0.3078, 0.1636
Android (android.graphics.Color)	4285143152 (0xFF6A1870)
YUV	58.5500, 26.3509, 41.6136
Hunter-Lab	22.1072, 35.5564, -26.8671

Details

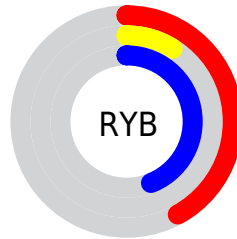
The Hex color **6A1870** is a dark color, and the websafe version is hex **660066**. A complement of this color would be **1E7018**, and the grayscale version is **3A3A3A**.

A 20% lighter version of the original color is **A04EA4**, and **37003F** is the 20% darker color. If you saturate the color by 10%, you get **690D70**, and if you desaturate by 10%, it is **6B2370**.

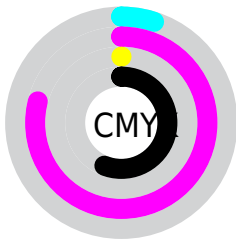
Distribution



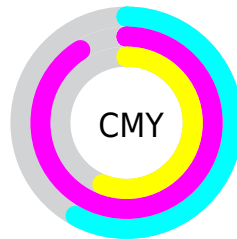
- Red (42%)
- Green (9%)
- Blue (44%)



- Red (42%)
- Yellow (9%)
- Blue (44%)



- Cyan (5%)
- Magenta (79%)
- Yellow (0%)
- Black (56%)



- Cyan (58%)
- Magenta (91%)
- Yellow (56%)

Brightness & Saturation Gradients

These gradients show how the Hex color 6A1870 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 6A1870 by changing the saturation by 10% instead.

6A1870

6A1870

FFFFFF

500057

A04EA4

37003F

BC68C0

200029

D982DC

000113

F69DF8

000000

FFB9FF

FFD5FF

FFF2FF

6A1870

6A1870

690D70

6B2370

680270

6C2E70

680070

6C3A70

6D4570

6E5070

6F5B70

6F6670

707270

717D70

Harmonies

Analogous

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



20368E



6A1870



840047

Triad

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



6A1870



533B00



005063

Complementary

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



6A1870



1E7018

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.



004F37



6A1870



294700

Square

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



6A1870



722500



004D04



004E86

Rectangle

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



6A1870



87002A



004D04



005055

Sweetspot

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



6A1870



8F6E91



181F70



48354A



C9C9C9



4A4A4A

Same Dimension

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



6A1870



880991



70184B



383238



700078



E600F7

Inverse Universe

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



70181E



910912



18703D



383233



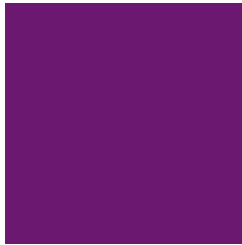
780008



F70011

Previews

White Background



This preview shows how the Hex color 6A1870 looks on a white background.

Color Contrast Check

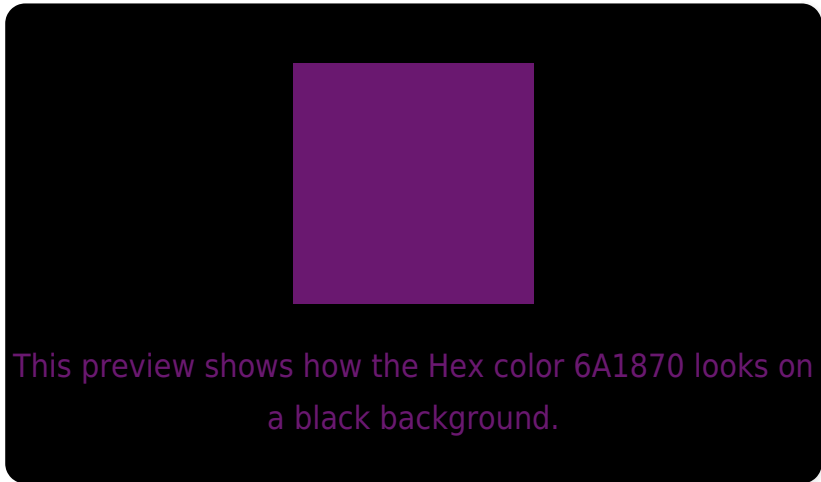
Large Text (above 18pt) WCAG AA ✓ Pass

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

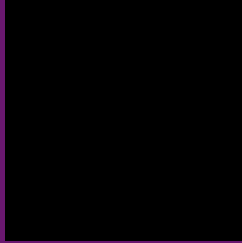
Any Text WCAG AA × Fail

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 6A1870 Background



This preview shows how black text looks on a background with the Hex color 6A1870.

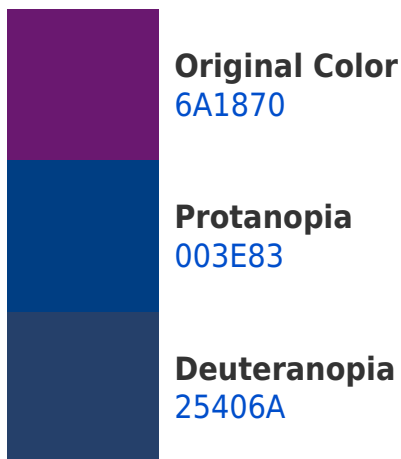


This preview shows how white text looks on a background with the Hex color 6A1870.

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





Tritanopia
633034

Trichromacy



Original Color
6A1870



Protanomaly
27307C



Deuteranomaly
3E316C



Tritanomaly
66274A

Monochromacy



Original Color
6A1870



Achromatopsia
3B3B3B



Achromatomaly
4C2E4E

CSS Examples

Text

The CSS property to change the color of the text to Hex 6A1870 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 #6A1870 looks like.

```
.text, #text, p{  
    color:#6A1870  
}
```

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 #6A1870 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6A1870
}
```

Border

The CSS property to change the border of an element to Hex 6A1870 is called "border". The border property can be set on classes, ids or directly on the HTML element.

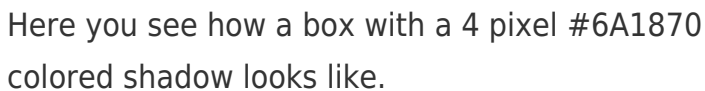
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#6A1870 }
```

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

```
.border{ border-color:#6A1870 }
```

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



Here you see how a box with a 4 pixel #6A1870 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6A1870; -webkit-box-shadow:4px 4px  
4px 4px #6A1870; box-shadow:4px 4px 4px  
4px #6A1870 }
```

Background

The CSS property to change the background color of an element to Hex 6A1870 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6A1870 }
```

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

```
.background{ background-color:#6A1870 }
```

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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