

Converting Colors

Hex(6E1247)

Have a look what the booklet for
Hex(6E1247) contains.

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Color

Hex(6E1247)

Conversions

Conversions Part 1

Format	Color
Hex	6E1247
RGB	110, 18, 71
RGB Percent	43%, 7%, 28%
CMY	0.5686, 0.9294, 0.7216
CMYK	0.00, 0.84, 0.35, 0.57
HSL	325°, 72%, 25%
HSV	325°, 84%, 43%
XYZ	7.7840, 4.2025, 6.3621
YIQ	51.5500, 37.8190, 35.9870

Conversions

Conversions Part 2

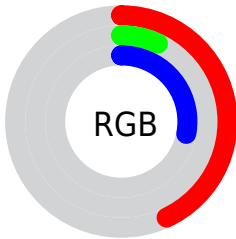
Format	Color
R_{YB}	110, 18, 71
Decimal	7213639
CIE Lab	24.33, 43.30, -8.07
CIE LCh	24, 44.043, 349.436
Yxy	4.2025, 0.4242, 0.2290
Android (android.graphics.Color)	4285403719 (0xFF6E1247)
YUV	51.5500, 9.5888, 51.2606
Hunter-Lab	20.5001, 31.9026, -4.0504

Details

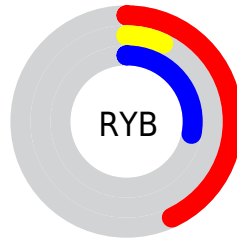
The Hex color **6E1247** is a dark color, and the websafe version is hex **660033**. A complement of this color would be **126E39**, and the grayscale version is **333333**.

A 20% lighter version of the original color is **A54977**, and **3A001C** is the 20% darker color. If you saturate the color by 10%, you get **6E0742**, and if you desaturate by 10%, it is **6E1D4C**.

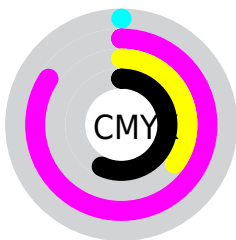
Distribution



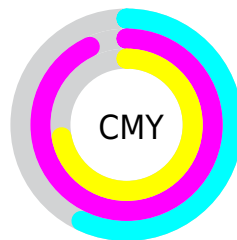
- Red (43%)
- Green (7%)
- Blue (28%)



- Red (43%)
- Yellow (7%)
- Blue (28%)



- Cyan (0%)
- Magenta (84%)
- Yellow (35%)
- Black (57%)



- Cyan (57%)
- Magenta (93%)
- Yellow (72%)

Brightness & Saturation Gradients

These gradients show how the Hex color 6E1247 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 6E1247 by changing the saturation by 10% instead.

 6E1247

 6E1247

FFFFFF

 530031

 A54977

 3A001C

 C16391

 210001

 DE7DAC

 000000

 FC98C7

 FFB4E3

 FFD0FF

 FFEDFF

 6E1247

 6E1247

■ 6E0742

■ 6E1D4C

■ 6E003F

■ 6E2850

■ 6E3355

■ 6E3E5A

■ 6E495E

■ 6E5463

■ 6E5F68

■ 6E6A6C

■ 6E7571

Harmonies

Analogous

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



552565



6E1247



731226

Triad

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



6E1247



343F00



00476C

Complementary

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



6E1247



126E39

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.



00484F



6E1247



004508

Square

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



6E1247



523400



00472D



00417C

Rectangle

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



6E1247



6D1E11



00472D



004863

Sweetspot

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



6E1247



8F6B80



38126E



47323E



C7C7C7



474747

Same Dimension

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



6E1247



8F0052



6E121A



383236



780045



F7008E

Inverse Universe

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



6E1247



8F0052



126E66



383236



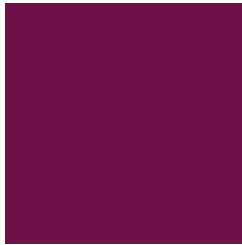
780045



F7008E

Previews

White Background



This preview shows how the Hex color 6E1247 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

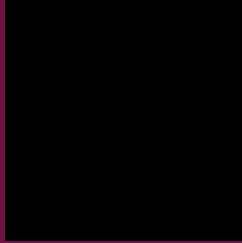
Any Text WCAG AA × Fail

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 6E1247 Background



This preview shows how black text looks on a background with the Hex color 6E1247.



This preview shows how white text looks on a background with the Hex color 6E1247.

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
6E1247

Protanopia
2C3B62

Deuteranopia
3F3A42

Trichromacy



Original Color
6E1247

Protanomaly
442C58

Deuteranomaly
502B44

Tritanomaly
6D1B2F

Monochromacy



Original Color
6E1247

Achromatopsia
343434

Achromatomaly
49283B

CSS Examples

Text

The CSS property to change the color of the text to Hex 6E1247 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 #6E1247 looks like.

```
.text, #text, p{  
    color:#6E1247  
}
```

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 #6E1247 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6E1247
}
```

Border

The CSS property to change the border of an element to Hex 6E1247 is called "border". The border property can be set on classes, ids or directly on the HTML element.

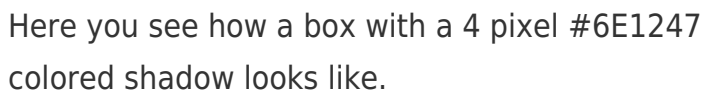
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#6E1247 }
```

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

```
.border{ border-color:#6E1247 }
```

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



Here you see how a box with a 4 pixel #6E1247 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6E1247; -webkit-box-shadow:4px 4px  
4px 4px #6E1247; box-shadow:4px 4px 4px  
4px #6E1247 }
```

Background

The CSS property to change the background color of an element to Hex 6E1247 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6E1247 }
```

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

```
.background{ background-color:#6E1247 }
```

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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