

Converting Colors

Hex(6B1E60)

Have a look what the booklet for
Hex(6B1E60) contains.

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Color

Hex(6B1E60)

Conversions

Conversions Part 1

Format	Color
Hex	6B1E60
RGB	107, 30, 96
RGB Percent	42%, 12%, 38%
CMY	0.5804, 0.8824, 0.6235
CMYK	0.00, 0.72, 0.10, 0.58
HSL	309°, 56%, 27%
HSV	309°, 72%, 42%
XYZ	8.6390, 4.8989, 11.5566
YIQ	60.5470, 24.7060, 36.8500

Conversions

Conversions Part 2

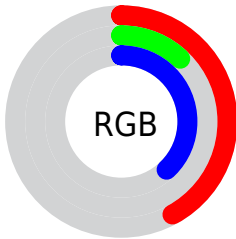
Format	Color
R_{YB}	107, 30, 96
Decimal	7020128
CIE _{Lab}	26.44, 41.86, -21.51
CIE _{LCh}	26, 47.062, 332.798
Yxy	4.8989, 0.3443, 0.1952
Android (android.graphics.Color)	4285210208 (0xFF6B1E60)
YUV	60.5470, 17.4783, 40.7393
Hunter-Lab	22.1334, 30.9378, -15.4639

Details

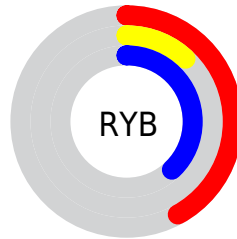
The Hex color **6B1E60** is a dark color, and the websafe version is hex **663366**. A complement of this color would be **1E6B29**, and the grayscale version is **3C3C3C**.

A 20% lighter version of the original color is **A15193**, and **380031** is the 20% darker color. If you saturate the color by 10%, you get **6B135E**, and if you desaturate by 10%, it is **6B2962**.

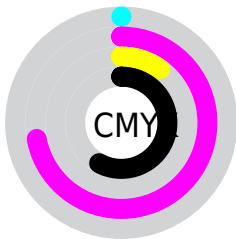
Distribution



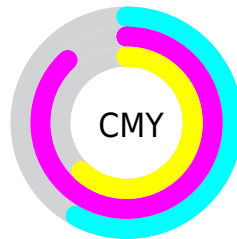
- Red (42%)
- Green (12%)
- Blue (38%)



- Red (42%)
- Yellow (12%)
- Blue (38%)



- Cyan (0%)
- Magenta (72%)
- Yellow (10%)
- Black (58%)



- Cyan (58%)
- Magenta (88%)
- Yellow (62%)

Brightness & Saturation Gradients

These gradients show how the Hex color 6B1E60 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 6B1E60 by changing the saturation by 10% instead.

 6B1E60

 6B1E60

FFFFFF

 510048

 A15193

 380031

 BD6BAE

 22001C

 D985C9

 000000

 F6A0E5

 FFBCFF

 FFD8FF

 FFF5FF

 6B1E60

 6B1E60

■ 6B135E

■ 6B2962

■ 6B095D

■ 6B3363

■ 6B005C

■ 6B3E65

■ 6B4966

■ 6B5468

■ 6B5E69

■ 6B696B

■ 6B746C

■ 6B7E6E

Harmonies

Analogous

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



40337C



6B1E60



7C0E3D

Triad

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



6B1E60



4B3E00



004E65

Complementary

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



6B1E60



1E6B29

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.



004E41



6B1E60



254700

Square

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



6B1E60



663000



004C1B



004B7F

Rectangle

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



6B1E60



7B1525



004C1B



004E59

Sweetspot

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



6B1E60



8C6D88



281E6B



473545



C7C7C7



474747

Same Dimension

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



6B1E60



8C147B



6B1E3A



363035



750065



F500D2

Inverse Universe

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



6B1E60



8C147B



1E6B4F



363035



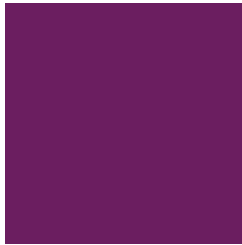
750065



F500D2

Previews

White Background



This preview shows how the Hex color 6B1E60 looks on a white background.

Color Contrast Check

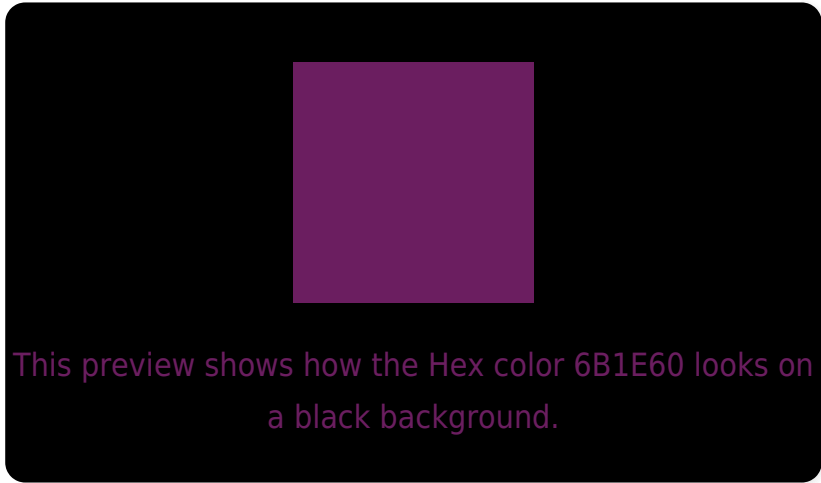
Large Text (above 18pt) WCAG AA ✓ Pass

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

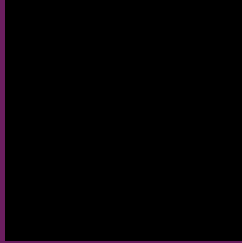
Any Text WCAG AA × Fail

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 6B1E60 Background



This preview shows how black text looks on a background with the Hex color 6B1E60.



This preview shows how white text looks on a background with the Hex color 6B1E60.

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
6B1E60

Protanopia
1B3E7C

Deuteranopia
363F5B



Tritanopia
662E31

Trichromacy



Original Color
6B1E60

Protanomaly
383272

Deuteranomaly
49335D

Tritanomaly
682842

Monochromacy



Original Color
6B1E60

Achromatopsia
3D3D3D

Achromatomaly
4E324A

CSS Examples

Text

The CSS property to change the color of the text to Hex 6B1E60 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 #6B1E60 looks like.

```
.text, #text, p{  
    color:#6B1E60  
}
```

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 #6B1E60 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6B1E60
}
```

Border

The CSS property to change the border of an element to Hex 6B1E60 is called "border". The border property can be set on classes, ids or directly on the HTML element.

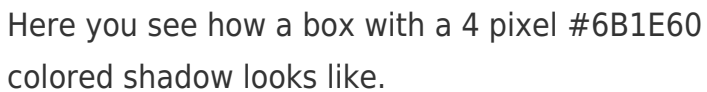
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#6B1E60 }
```

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

```
.border{ border-color:#6B1E60 }
```

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



Here you see how a box with a 4 pixel #6B1E60 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6B1E60; -webkit-box-shadow:4px 4px  
4px 4px #6B1E60; box-shadow:4px 4px 4px  
4px #6B1E60 }
```

Background

The CSS property to change the background color of an element to Hex 6B1E60 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6B1E60 }
```

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

```
.background{ background-color:#6B1E60 }
```

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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