

Converting Colors

Hex(6B1661)

Have a look what the booklet for
Hex(6B1661) contains.

Hex(6B1661)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(6B1661)

Conversions

Conversions Part 1

Format	Color
Hex	6B1661
RGB	107, 22, 97
RGB Percent	42%, 9%, 38%
CMY	0.5804, 0.9137, 0.6196
CMYK	0.00, 0.79, 0.09, 0.58
HSL	307°, 66%, 25%
HSV	307°, 79%, 42%
XYZ	8.5080, 4.5627, 11.7415
YIQ	55.9650, 26.5850, 41.3450

Conversions

Conversions Part 2

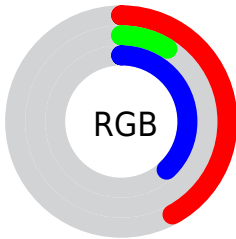
Format	Color
R_{YB}	107, 22, 97
Decimal	7018081
CIE _{Lab}	25.45, 45.00, -23.73
CIE _{LCh}	25, 50.872, 332.196
Yxy	4.5627, 0.3429, 0.1839
Android (android.graphics.Color)	4285208161 (0xFF6B1661)
YUV	55.9650, 20.2303, 44.7577
Hunter-Lab	21.3604, 33.7168, -17.6385

Details

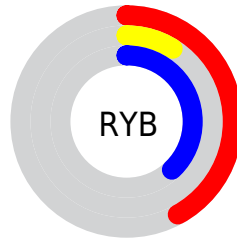
The Hex color **6B1661** is a dark color, and the websafe version is hex **660066**. A complement of this color would be **166B20**, and the grayscale version is **383838**.

A 20% lighter version of the original color is **A14C94**, and **380032** is the 20% darker color. If you saturate the color by 10%, you get **6B0B60**, and if you desaturate by 10%, it is **6B2162**.

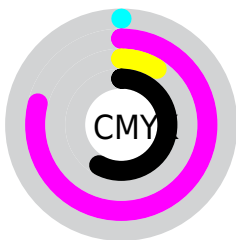
Distribution



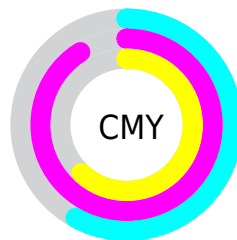
- Red (42%)
- Green (9%)
- Blue (38%)



- Red (42%)
- Yellow (9%)
- Blue (38%)



- Cyan (0%)
- Magenta (79%)
- Yellow (9%)
- Black (58%)



- Cyan (58%)
- Magenta (91%)
- Yellow (62%)

Brightness & Saturation Gradients

These gradients show how the Hex color 6B1661 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 6B1661 by changing the saturation by 10% instead.

 6B1661

 6B1661

FFFFFF

 510049

 A14C94

 380032

 BD66AF

 20001D

 DA80CA

 000000

 F79BE6

 FFB7FF

 FFD3FF

 FFF0FF

 6B1661

 6B1661

■ 6B0B60

■ 6B2162

■ 6B015E

■ 6B2B64

■ 6B005E

■ 6B3665

■ 6B4166

■ 6B4C67

■ 6B5669

■ 6B616A

■ 6B6C6B

■ 6B766C

Harmonies

Analogous

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



3A307E



6B1661



7D003B

Triad

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



6B1661



493C00



004C65

Complementary

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



6B1661



166B20

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.



004C3E



6B1661



214500

Square

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



6B1661



662B00



004A15



004981

Rectangle

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



6B1661



7D0522



004A15



004C59

Sweetspot

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



6B1661



8C6B88



20166B



473345



C7C7C7



474747

Same Dimension

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



6B1661



8C077D



6B1637



363035



750068



F500D8

Inverse Universe

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



6B1661



8C077D



166B4A



363035



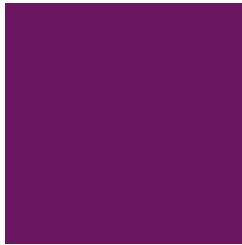
750068



F500D8

Previews

White Background



This preview shows how the Hex color 6B1661 looks on a white background.

Color Contrast Check

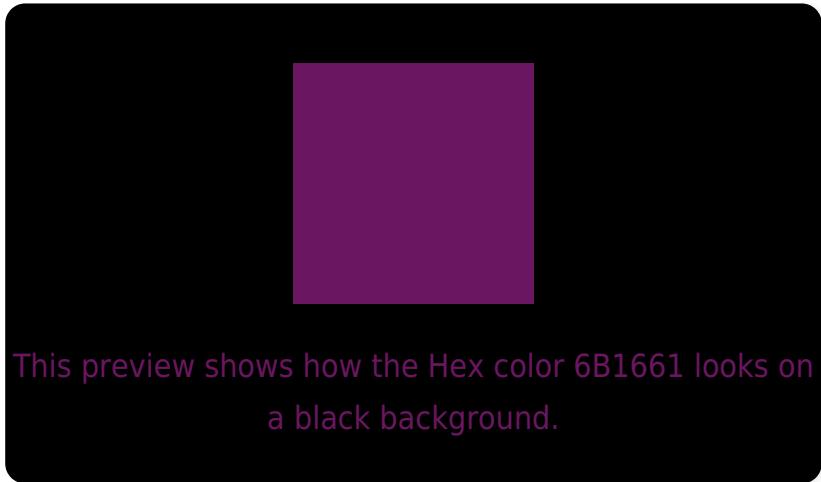
Large Text (above 18pt) WCAG AA ✓ Pass

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

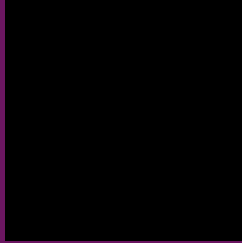
Any Text WCAG AA × Fail

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 6B1661 Background



This preview shows how black text looks on a background with the Hex color 6B1661.



This preview shows how white text looks on a background with the Hex color 6B1661.

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



Trichromacy



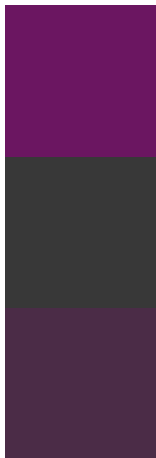
Original Color
6B1661

Protanomaly
272E74

Deuteranomaly
462F5E

Tritanomaly
682340

Monochromacy



Original Color
6B1661

Achromatopsia
383838

Achromatomaly
4B2C47

CSS Examples

Text

The CSS property to change the color of the text to Hex 6B1661 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 #6B1661 looks like.

```
.text, #text, p{  
    color:#6B1661  
}
```

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 #6B1661 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6B1661
}
```

Border

The CSS property to change the border of an element to Hex 6B1661 is called "border". The border property can be set on classes, ids or directly on the HTML element.

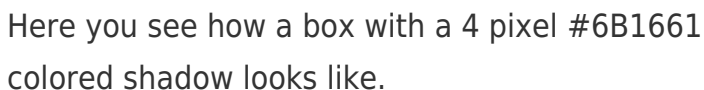
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#6B1661 }
```

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

```
.border{ border-color:#6B1661 }
```

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



Here you see how a box with a 4 pixel #6B1661 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6B1661; -webkit-box-shadow:4px 4px  
4px 4px #6B1661; box-shadow:4px 4px 4px  
4px #6B1661 }
```

Background

The CSS property to change the background color of an element to Hex 6B1661 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6B1661 }
```

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

```
.background{ background-color:#6B1661 }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor