

Converting Colors

Hex(6B1865)

Have a look what the booklet for
Hex(6B1865) contains.

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Color

Hex(6B1865)

Conversions

Conversions Part 1

Format	Color
Hex	6B1865
RGB	107, 24, 101
RGB Percent	42%, 9%, 40%
CMY	0.5804, 0.9059, 0.6039
CMYK	0.00, 0.78, 0.06, 0.58
HSL	304°, 63%, 26%
HSV	304°, 78%, 42%
XYZ	8.7390, 4.7187, 12.7621
YIQ	57.5950, 24.7510, 41.5430

Conversions

Conversions Part 2

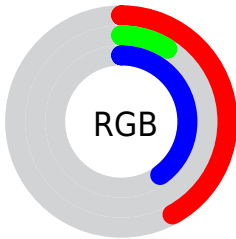
Format	Color
R_{YB}	107, 24, 101
Decimal	7018597
CIE _{Lab}	25.92, 44.99, -25.61
CIE _{LCh}	26, 51.768, 330.355
Yxy	4.7187, 0.3333, 0.1800
Android (android.graphics.Color)	4285208677 (0xFF6B1865)
YUV	57.5950, 21.3987, 43.3282
Hunter-Lab	21.7225, 33.7967, -19.6276

Details

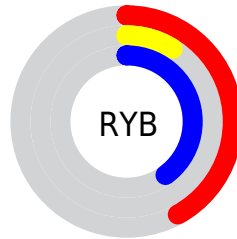
The Hex color **6B1865** is a dark color, and the websafe version is hex **660066**. A complement of this color would be **186B1E**, and the grayscale version is **393939**.

A 20% lighter version of the original color is **A14D98**, and **380036** is the 20% darker color. If you saturate the color by 10%, you get **6B0D64**, and if you desaturate by 10%, it is **6B2366**.

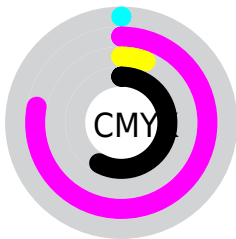
Distribution



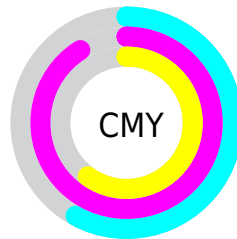
- Red (42%)
- Green (9%)
- Blue (40%)



- Red (42%)
- Yellow (9%)
- Blue (40%)



- Cyan (0%)
- Magenta (78%)
- Yellow (6%)
- Black (58%)



- Cyan (58%)
- Magenta (91%)
- Yellow (60%)

Brightness & Saturation Gradients


These gradients show how the Hex color 6B1865 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 6B1865 by changing the saturation by 10% instead.

 6B1865

 6B1865

FFFFFF

 51004D

 A14D98

 380036

 BD67B3

 210020

 DA82CF

 000003

 F79DEB

 000000

 FFB8FF

 FFD5FF

 FFF2FF

 6B1865

 6B1865

■ 6B0D64

■ 6B2366

■ 6B0363

■ 6B2D67

■ 6B0063

■ 6B3867

■ 6B4368

■ 6B4E69

■ 6B586A

■ 6B636A

■ 6B6E6B

■ 6B786C

Harmonies

Analogous

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



363282



6B1865



7F003F

Triad

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



6B1865



4C3C00



004E64

Complementary

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



6B1865



186B1E

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.



004D3D



6B1865



254600

Square

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



6B1865



6A2B00



004B12



004B82

Rectangle

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



6B1865



7F0225



004B12



004E58

Sweetspot

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



6B1865



8C6C8A



1E186B



473346



C7C7C7



474747

Same Dimension

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



6B1865



8C0A83



6B183C



363035



75006D



F500E3

Inverse Universe

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



6B1865



8C0A83



186B47



363035



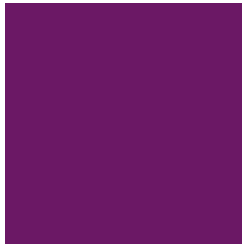
75006D



F500E3

Previews

White Background



This preview shows how the Hex color 6B1865 looks on a white background.

Color Contrast Check

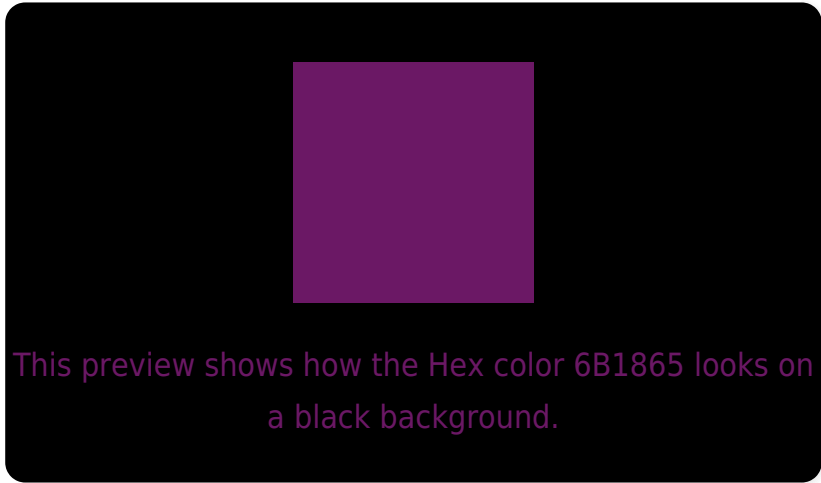
Large Text (above 18pt) WCAG AA ✓ Pass

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

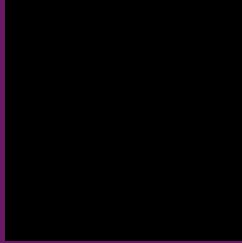
Any Text WCAG AA × Fail

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 6B1865 Background



This preview shows how black text looks on a background with the Hex color 6B1865.

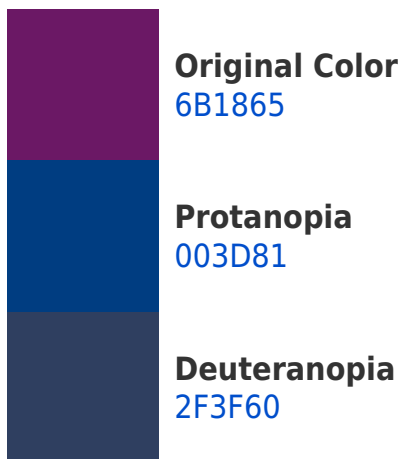


This preview shows how white text looks on a background with the Hex color 6B1865.

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
652C2F

Trichromacy



Original Color
6B1865

Protanomaly
273077

Deuteranomaly
453162

Tritanomaly
672543

Monochromacy



Original Color
6B1865

Achromatopsia
3A3A3A

Achromatomaly
4C2E4A

CSS Examples

Text

The CSS property to change the color of the text to Hex 6B1865 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 #6B1865 looks like.

```
.text, #text, p{  
    color:#6B1865  
}
```

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 #6B1865 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6B1865
}
```

Border

The CSS property to change the border of an element to Hex 6B1865 is called "border". The border property can be set on classes, ids or directly on the HTML element.

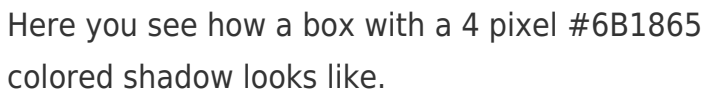
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#6B1865 }
```

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

```
.border{ border-color:#6B1865 }
```

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



Here you see how a box with a 4 pixel #6B1865 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6B1865; -webkit-box-shadow:4px 4px  
4px 4px #6B1865; box-shadow:4px 4px 4px  
4px #6B1865 }
```

Background

The CSS property to change the background color of an element to Hex 6B1865 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6B1865 }
```

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

```
.background{ background-color:#6B1865 }
```

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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