

# Converting Colors

Hex(6B1649)

Have a look what the booklet for  
Hex(6B1649) contains.

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# Color

**Hex(6B1649)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	6B1649
RGB	107, 22, 73
RGB Percent	42%, 9%, 29%
CMY	0.5804, 0.9137, 0.7137
CMYK	0.00, 0.79, 0.32, 0.58
HSL	324°, 66%, 25%
HSV	324°, 79%, 42%
XYZ	7.5529, 4.1807, 6.7122
YIQ	53.2290, 34.2890, 33.8810

# Conversions

## Conversions Part 2

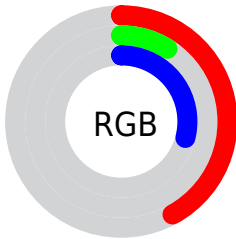
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	107, 22, 73
Decimal	7018057
CIE Lab	24.26, 41.43, -9.59
CIE LCh	24, 42.524, 346.962
Yxy	4.1807, 0.4095, 0.2266
Android (android.graphics.Color)	4285208137 (0xFF6B1649)
YUV	53.2290, 9.7471, 47.1572
Hunter-Lab	20.4467, 30.1555, -5.1510

# Details

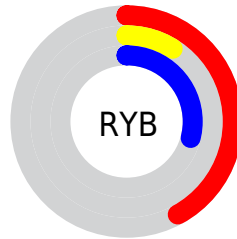
The Hex color **6B1649** is a dark color, and the websafe version is hex **660033**. A complement of this color would be **166B38**, and the grayscale version is **353535**.

A 20% lighter version of the original color is **A14B7A**, and **38001E** is the 20% darker color. If you saturate the color by 10%, you get **6B0B45**, and if you desaturate by 10%, it is **6B214D**.

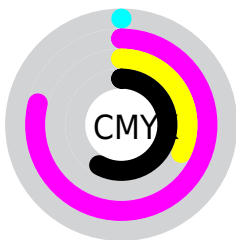
# Distribution



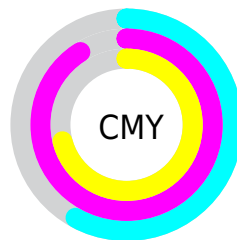
- Red (42%)
- Green (9%)
- Blue (29%)



- Red (42%)
- Yellow (9%)
- Blue (29%)



- Cyan (0%)
- Magenta (79%)
- Yellow (32%)
- Black (58%)



- Cyan (58%)
- Magenta (91%)
- Yellow (71%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 6B1649 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 6B1649 by changing the saturation by 10% instead.



 6B1649

 6B1649

FFFFFF

 510032

 A14B7A

 38001E

 BE6593

 1E0001

 DA7FAE

 000000

 F89AC9

 FFB5E5

 FFD1FF

 FFEEFF

 6B1649

 6B1649

■ 6B0B45

■ 6B214D

■ 6B0140

■ 6B2B52

■ 6B0040

■ 6B3656

■ 6B415A

■ 6B4C5E

■ 6B5663

■ 6B6167

■ 6B6C6B

■ 6B7670

# Harmonies

## Analogous

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



512766



6B1649



711429

# Triad

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



6B1649



373E00



004668

# Complementary

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



6B1649



166B38

# 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.



00484B



6B1649



084407

# Square

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



6B1649



533300



00472A



004178

# Rectangle

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



6B1649



6C1E15



00472A



004760



# Sweetspot

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



6B1649



8C6B7F



38166B



47333F



C7C7C7



474747



# Same Dimension

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



6B1649



8C0757



6B161F



363033



750046



F50093



# Inverse Universe

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



6B1649



8C0757



166B62



363033



750046

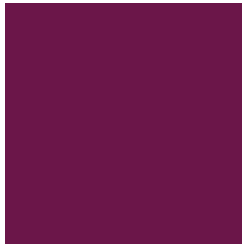


F50093



# Previews

## White Background



This preview shows how the Hex color 6B1649 looks on a white background.

## Color Contrast Check

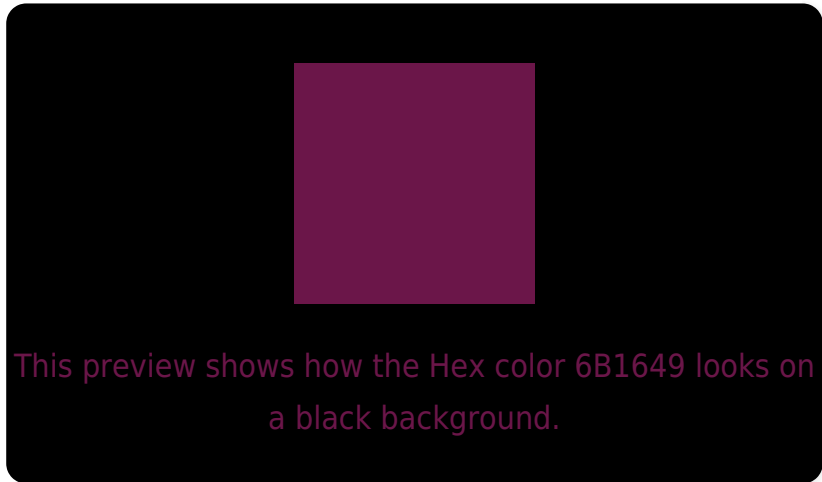
Large Text (above 18pt) WCAG AA ✓ Pass

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

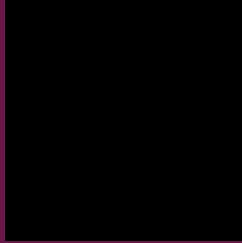
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 6B1649 Background



This preview shows how black text looks on a background with the Hex color 6B1649.



This preview shows how white text looks on a background with the Hex color 6B1649.

# 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**  
6B1649

**Protanopia**  
2B3A63

**Deuteranopia**  
3D3A45



**Tritanopia**  
682224

# Trichromacy



**Original Color**  
6B1649

**Protanomaly**  
422D5A

**Deuteranomaly**  
4E2D46

**Tritanomaly**  
691E31

# Monochromacy



**Original Color**  
6B1649

**Achromatopsia**  
353535

**Achromatomaly**  
492A3C

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 6B1649 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 #6B1649 looks like.

```
.text, #text, p{  
    color:#6B1649  
}
```

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 #6B1649 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6B1649
}
```

## Border

The CSS property to change the border of an element to Hex 6B1649 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
#6B1649 }
```

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

```
.border{ border-color:#6B1649 }
```

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

Here you see how a box with a 4 pixel #6B1649 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6B1649; -webkit-box-shadow:4px 4px  
4px 4px #6B1649; box-shadow:4px 4px 4px  
4px #6B1649 }
```

# Background

The CSS property to change the background color of an element to Hex 6B1649 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6B1649 }
```

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

```
.background{ background-color:#6B1649 }
```

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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