

# Converting Colors

Hex(B61E93)

Have a look what the booklet for  
Hex(B61E93) contains.

<b>Hex(B61E93)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

# Color

**Hex(B61E93)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	B61E93
RGB	182, 30, 147
RGB Percent	71%, 12%, 58%
CMY	0.2863, 0.8824, 0.4235
CMYK	0.00, 0.84, 0.19, 0.29
HSL	314°, 72%, 42%
HSV	314°, 84%, 71%
XYZ	25.0221, 12.9802, 28.7904
YIQ	88.7860, 53.0350, 68.6110

# Conversions

## Conversions Part 2

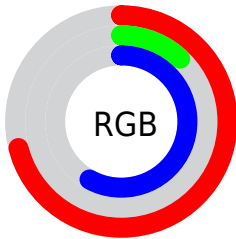
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	182, 30, 147
Decimal	11935379
CIE <sub>Lab</sub>	42.73, 67.29, -27.10
CIE <sub>LCh</sub>	43, 72.546, 338.061
Yxy	12.9802, 0.3746, 0.1943
Android (android.graphics.Color)	4290125459 (0xFFB61E93)
YUV	88.7860, 28.6995, 81.7487
Hunter-Lab	36.0281, 60.9223, -22.1596

# Details

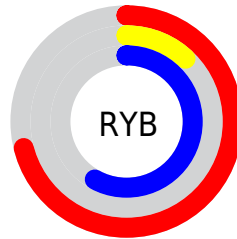
The Hex color **B61E93** is a dark color, and the websafe version is hex **CC3399**. A complement of this color would be **1EB641**, and the grayscale version is **585858**.

A 20% lighter version of the original color is **F15FC9**, and **7D0060** is the 20% darker color. If you saturate the color by 10%, you get **B60C8F**, and if you desaturate by 10%, it is **B63097**.

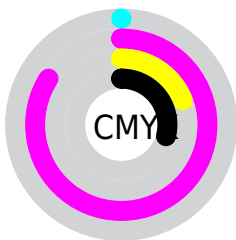
# Distribution



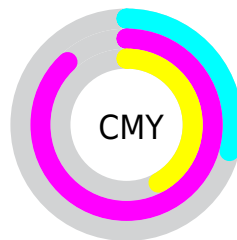
- Red (71%)
- Green (12%)
- Blue (58%)



- Red (71%)
- Yellow (12%)
- Blue (58%)



- Cyan (0%)
- Magenta (84%)
- Yellow (19%)
- Black (29%)



- Cyan (29%)
- Magenta (88%)
- Yellow (42%)

# Brightness & Saturation Gradients

These gradients show how the Hex color B61E93 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 B61E93 by changing the saturation by 10% instead.



 B61E93

 B61E93

FFFFFF

 990079

 F15FC9

 7D0060

 FF7CE6

 600048

 FF99FF

 460031

 FFB6FF

 2A001B

 FFD3FF

 000000

 FFF1FF

 B61E93

 B61E93

 B60C8F

 B63097

 B6008C

 B6429B

 B655A0

 B667A4

 B679A8

 B68BAC

 B69DB0

 B6B0B5

 B6C2B9

# Harmonies

## Analogous

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



764BC5



B61E93



CB0058

# Triad

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



B61E93



6D6800



007DAE

# Complementary

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



B61E93



1EB641

# 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.



007E74



B61E93



247500

# Square

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



B61E93



9E5100



007B34



0077D5

# Rectangle

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



B61E93



C61A31



007B34



007E9C



# Sweetspot

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



B61E93



EDB2DF



3F1EB6



785470



F7F7F7



787878



# Same Dimension

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



B61E93



ED00B7



B61E49



5C535A



9C0078



1C0016



# Inverse Universe

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



B61E93



ED00B7



1EB68B



5C535A



9C0078



1C0016



# Previews

## White Background



This preview shows how the Hex color B61E93 looks on a white background.

## Color Contrast Check

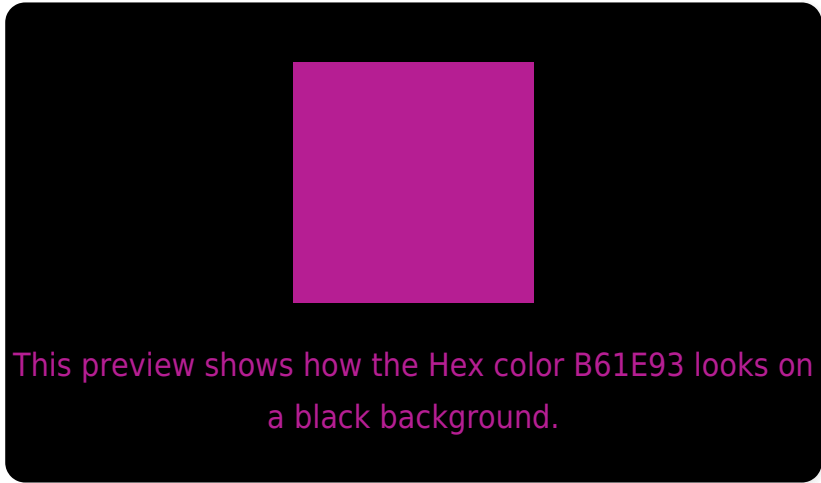
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

# Black Background



## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

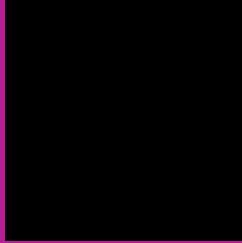
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex B61E93 Background



This preview shows how black text looks on a background with the Hex color B61E93.

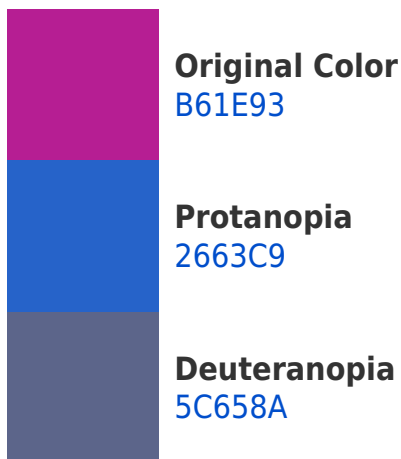



This preview shows how white text looks on a background with the Hex color B61E93.

# 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**  
AF3F43

# Trichromacy



**Original Color**  
B61E93



**Protanomaly**  
5A4AB5



**Deuteranomaly**  
7D4B8D

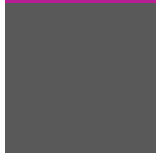


**Tritanomaly**  
B23360

# Monochromacy



**Original Color**  
B61E93



**Achromatopsia**  
595959



**Achromatomaly**  
7B446E

# CSS Examples

## Text

The CSS property to change the color of the text to Hex B61E93 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 #B61E93 looks like.

```
.text, #text, p{  
    color:#B61E93  
}
```

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 #B61E93 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B61E93  
}
```

## Border

The CSS property to change the border of an element to Hex B61E93 is called "border". The border property can be set on classes, ids or directly on the HTML element.

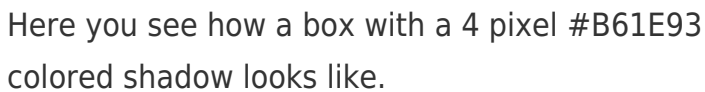
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid  
#B61E93 }
```

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

```
.border{ border-color:#B61E93 }
```

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



Here you see how a box with a 4 pixel #B61E93 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B61E93; -webkit-box-shadow:4px 4px  
4px 4px #B61E93; box-shadow:4px 4px 4px  
4px #B61E93 }
```

# Background

The CSS property to change the background color of an element to Hex B61E93 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B61E93 }
```

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

```
.background{ background-color:#B61E93 }
```

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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