

# Converting Colors

Hex(B61376)

Have a look what the booklet for  
Hex(B61376) contains.

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# Color

**Hex(B61376)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	B61376
RGB	182, 19, 118
RGB Percent	71%, 7%, 46%
CMY	0.2863, 0.9255, 0.5373
CMYK	0.00, 0.90, 0.35, 0.29
HSL	324°, 81%, 39%
HSV	324°, 90%, 71%
XYZ	22.7943, 11.7188, 18.2001
YIQ	79.0230, 65.3690, 65.3450

# Conversions

## Conversions Part 2

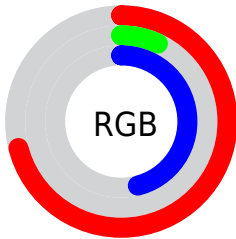
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	182, 19, 118
Decimal	11932534
CIE <sub>Lab</sub>	40.77, 65.97, -12.30
CIE <sub>LCh</sub>	41, 67.103, 349.439
Yxy	11.7188, 0.4324, 0.2223
Android (android.graphics.Color)	4290122614 (0xFFB61376)
YUV	79.0230, 19.2157, 90.3108
Hunter-Lab	34.2328, 58.9489, -7.5590

# Details

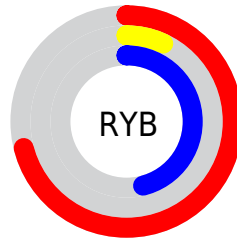
The Hex color **B61376** is a dark color, and the websafe version is hex **990066**. A complement of this color would be **13B653**, and the grayscale version is **4F4F4F**.

A 20% lighter version of the original color is **F259AA**, and **7C0046** is the 20% darker color. If you saturate the color by 10%, you get **B6016F**, and if you desaturate by 10%, it is **B6257D**.

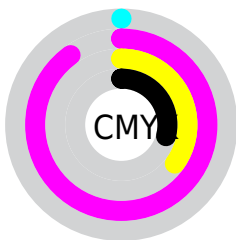
# Distribution



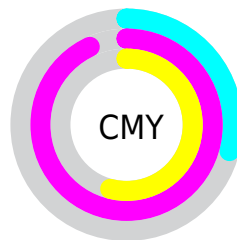
- Red (71%)
- Green (7%)
- Blue (46%)



- Red (71%)
- Yellow (7%)
- Blue (46%)



- Cyan (0%)
- Magenta (90%)
- Yellow (35%)
- Black (29%)



- Cyan (29%)
- Magenta (93%)
- Yellow (54%)

# Brightness & Saturation Gradients

These gradients show how the Hex color B61376 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 B61376 by changing the saturation by 10% instead.



 B61376

 B61376

FFFFFF

 99005D

 F259AA

 7C0046

 FF76C5

 5F002F

 FF93E1

 45001B

 FFB0FE

 270001

 FFCDFE

 000000

 FFEAFF

 B61376

 B61376

 B6016F

 B6257D

 B6006F

 B63784

 B64A8B

 B65C93

 B66E9A

 B680A1

 B692A8

 B6A5AF

 B6B7B6

# Harmonies

## Analogous

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



8D3CA9



B61376



BD143F

# Triad

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



B61376



546800



0075B4

# Complementary

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



B61376



13B653

# 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.



007783



B61376



007207

# Square

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



B61376



865700



00764A



006DCE

# Rectangle

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



B61376



B32F1C



00764A



0076A5



# Sweetspot

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



B61376



EDADD4



5113B6



785169



F7F7F7



787878



# Same Dimension

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



B61376



ED0090



B61326



5C5358



9C005E



1C0011



# Inverse Universe

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



B61376



ED0090



13B6A3



5C5358



9C005E



1C0011



# Previews

## White Background



This preview shows how the Hex color B61376 looks on a white background.

## Color Contrast Check

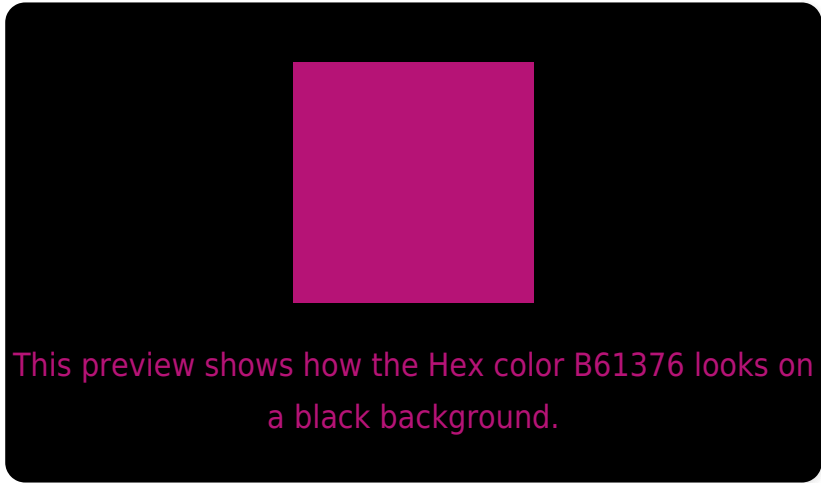
Large Text (above 18pt) WCAG AA ✓ Pass

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

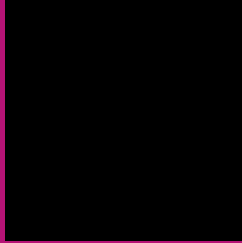
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex B61376 Background



This preview shows how black text looks on a background with the Hex color B61376.



This preview shows how white text looks on a background with the Hex color B61376.

# 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**  
B61376



**Protanomaly**  
6D4395



**Deuteranomaly**  
824371

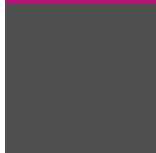


**Tritanomaly**  
B3264B

# Monochromacy



**Original Color**  
B61376



**Achromatopsia**  
4F4F4F



**Achromatomaly**  
74395D

# CSS Examples

## Text

The CSS property to change the color of the text to Hex B61376 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 #B61376 looks like.

```
.text, #text, p{  
    color:#B61376  
}
```

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 #B61376 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B61376
}
```

## Border

The CSS property to change the border of an element to Hex B61376 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".

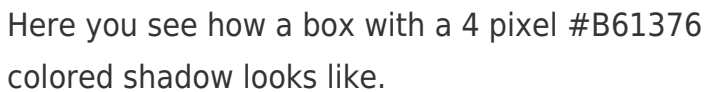
```
.border, #border, table{ border:4px solid
#B61376 }
```

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

```
.border{ border-color:#B61376 }
```

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

Here you see how a box with a 4 pixel #B61376 colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B61376; -webkit-box-shadow:4px 4px  
4px 4px #B61376; box-shadow:4px 4px 4px  
4px #B61376 }
```

# Background

The CSS property to change the background color of an element to Hex B61376 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B61376 }
```

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

```
.background{ background-color:#B61376 }
```

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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