

# Converting Colors

Hex(B62E75)

Have a look what the booklet for  
Hex(B62E75) contains.

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# Color

Hex(B62E75)

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	B62E75
RGB	182, 46, 117
RGB Percent	71%, 18%, 46%
CMY	0.2863, 0.8196, 0.5412
CMYK	0.00, 0.75, 0.36, 0.29
HSL	329°, 60%, 45%
HSV	329°, 75%, 71%
XYZ	23.4793, 13.1834, 18.1368
YIQ	94.7580, 58.2650, 50.9130

# Conversions

## Conversions Part 2

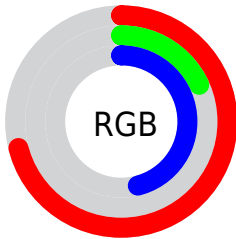
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	182, 46, 117
Decimal	11939445
CIE Lab	43.04, 59.25, -8.25
CIE LCh	43, 59.824, 352.070
Yxy	13.1834, 0.4285, 0.2406
Android (android.graphics.Color)	4290129525 (0xFFB62E75)
YUV	94.7580, 10.9653, 76.5112
Hunter-Lab	36.3090, 51.8867, -4.1998

# Details

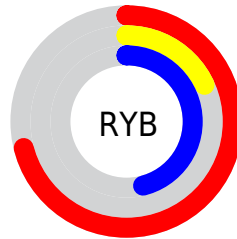
The Hex color **B62E75** is a dark color, and the websafe version is hex **990066**. A complement of this color would be **2EB66F**, and the grayscale version is **5F5F5F**.

A 20% lighter version of the original color is **F268A9**, and **7C0045** is the 20% darker color. If you saturate the color by 10%, you get **B61C6C**, and if you desaturate by 10%, it is **B6407E**.

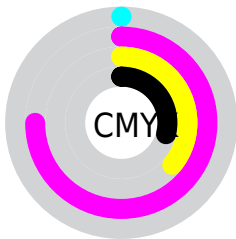
# Distribution



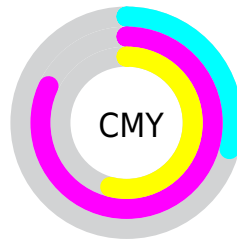
- Red (71%)
- Green (18%)
- Blue (46%)



- Red (71%)
- Yellow (18%)
- Blue (46%)



- Cyan (0%)
- Magenta (75%)
- Yellow (36%)
- Black (29%)



- Cyan (29%)
- Magenta (82%)
- Yellow (54%)

# Brightness & Saturation Gradients

These gradients show how the Hex color B62E75 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 B62E75 by changing the saturation by 10% instead.



 B62E75

 B62E75

FFFFFF

 99015C

 F268A9

 7C0045

 FF84C4

 60002F

 FFA0E0

 45001A

 FFBDFF

 2A0001

 FFDAFF

 000000

 FFF7FF

 B62E75

 B62E75

 B61C6C

 B6407E

 B60A64

 B65286

 B6005F

 B6658F

 B67798

 B689A0

 B69BA9

 B6ADB2

 B6C0BB

 B6D2C3

# Harmonies

## Analogous

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



9345A3



B62E75



BB3144

# Triad

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



B62E75



586E00



0079B3

# Complementary

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



B62E75



2EB66F

# 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.



007C8A



B62E75



007723

# Square

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



B62E75



865F00



007B56



0070C8

# Rectangle

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



B62E75



B14025



007B56



007AA7



# Sweetspot

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



B62E75



EDB9D4



6D2EB6



785969



F7F7F7



787878



# Same Dimension

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



B62E75



ED1887



B62E33



5C5357



9C0051



1C000F



# Inverse Universe

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



B62E75



ED1887



2EB6B1



5C5357



9C0051



1C000F



# Previews

## White Background



This preview shows how the Hex color B62E75 looks on a white background.

## Color Contrast Check

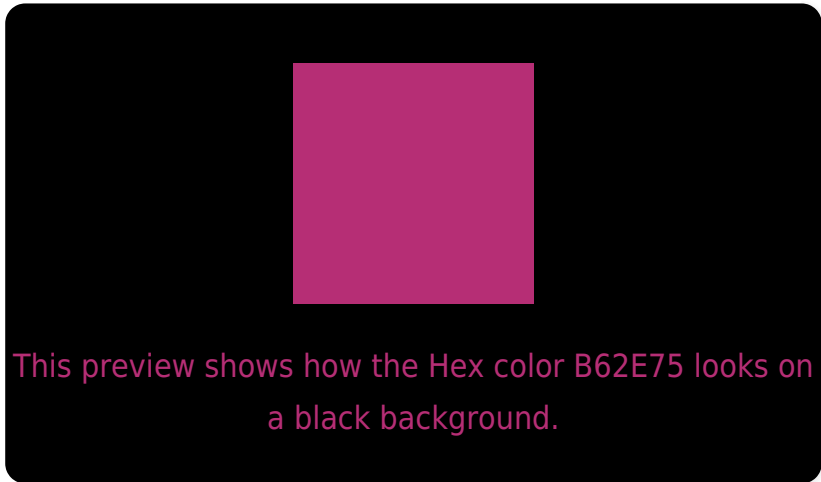
Large Text (above 18pt) WCAG AA ✓ Pass

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 B62E75 Background



This preview shows how black text looks on a background with the Hex color B62E75.



This preview shows how white text looks on a background with the Hex color B62E75.

# 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**  
B23D40

# Trichromacy



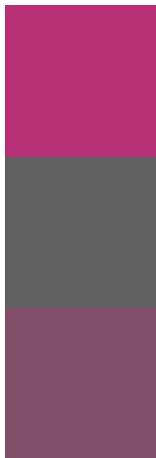
**Original Color**  
B62E75

**Protanomaly**  
78518D

**Deuteranomaly**  
885071

**Tritanomaly**  
B33853

# Monochromacy



**Original Color**  
B62E75

**Achromatopsia**  
5F5F5F

**Achromatomaly**  
7F4D67

# CSS Examples

## Text

The CSS property to change the color of the text to Hex B62E75 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 #B62E75 looks like.

```
.text, #text, p{  
    color:#B62E75  
}
```

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 #B62E75 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B62E75
}
```

## Border

The CSS property to change the border of an element to Hex B62E75 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".

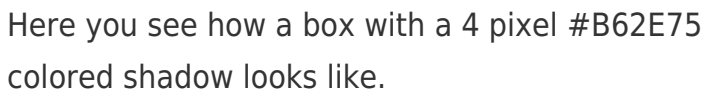
```
.border, #border, table{ border:4px solid
#B62E75 }
```

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

```
.border{ border-color:#B62E75 }
```

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

Here you see how a box with a 4 pixel #B62E75 colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B62E75; -webkit-box-shadow:4px 4px  
4px 4px #B62E75; box-shadow:4px 4px 4px  
4px #B62E75 }
```

# Background

The CSS property to change the background color of an element to Hex B62E75 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B62E75 }
```

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

```
.background{ background-color:#B62E75 }
```

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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