

# Converting Colors

Hex(B12E67)

Have a look what the booklet for  
Hex(B12E67) contains.

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# Color

**Hex(B12E67)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	B12E67
RGB	177, 46, 103
RGB Percent	69%, 18%, 40%
CMY	0.3059, 0.8196, 0.5961
CMYK	0.00, 0.74, 0.42, 0.31
HSL	334°, 59%, 44%
HSV	334°, 74%, 69%
XYZ	21.5566, 12.2804, 14.0662
YIQ	91.6670, 59.7790, 45.4990

# Conversions

## Conversions Part 2

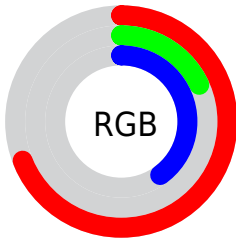
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	177, 46, 103
Decimal	11611751
CIE <sub>Lab</sub>	41.66, 56.39, -1.69
CIE <sub>LCh</sub>	42, 56.417, 358.280
Yxy	12.2804, 0.4500, 0.2564
Android (android.graphics.Color)	4289801831 (0xFFB12E67)
YUV	91.6670, 5.5872, 74.8370
Hunter-Lab	35.0434, 48.4769, 0.7318

# Details

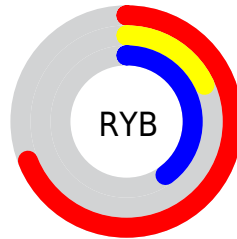
The Hex color **B12E67** is a dark color, and the websafe version is hex **993366**. A complement of this color would be **2EB178**, and the grayscale version is **5C5C5C**.

A 20% lighter version of the original color is **ED679A**, and **770038** is the 20% darker color. If you saturate the color by 10%, you get **B11C5D**, and if you desaturate by 10%, it is **B14071**.

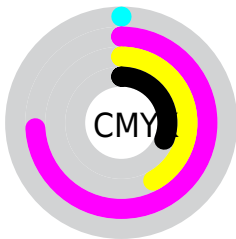
# Distribution



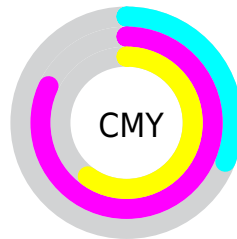
- Red (69%)
- Green (18%)
- Blue (40%)



- Red (69%)
- Yellow (18%)
- Blue (40%)



- Cyan (0%)
- Magenta (74%)
- Yellow (42%)
- Black (31%)



- Cyan (31%)
- Magenta (82%)
- Yellow (60%)

# Brightness & Saturation Gradients

These gradients show how the Hex color B12E67 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 B12E67 by changing the saturation by 10% instead.



 B12E67

 B12E67

FFFFFF

 94044F

 ED679A

 770038

 FF83B5

 5B0023

 FF9FD0

 41000D

 FFBBEC

 220001

 FFD8FF

 000000

 FFF5FF

 B12E67

 B12E67

 B11C5D

 B14071

 B10B53

 B1517B

 B1004D

 B16385

 B1758F

 B18799

 B198A3

 B1AAAD

 B1BCB7

 B1CDC1

# Harmonies

## Analogous

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



973F94



B12E67



B13639

# Triad

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



B12E67



4C6C00



0073B1

# Complementary

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



B12E67



2EB178

# 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.



00778D



B12E67



00732E

# Square

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



B12E67



795F00



00775E



0069C0

# Rectangle

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



B12E67



A5451C



00775E



0075A7



# Sweetspot

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



B12E67



E6B3C9



762EB1



735562



F2F2F2



737373



# Same Dimension

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



B12E67



E61972



B1352E



595054



990043



1A000B



# Inverse Universe

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



B12E67



E61972



2EAAB1



595054



990043



1A000B



# Previews

## White Background



This preview shows how the Hex color B12E67 looks on a white background.

## Color Contrast Check

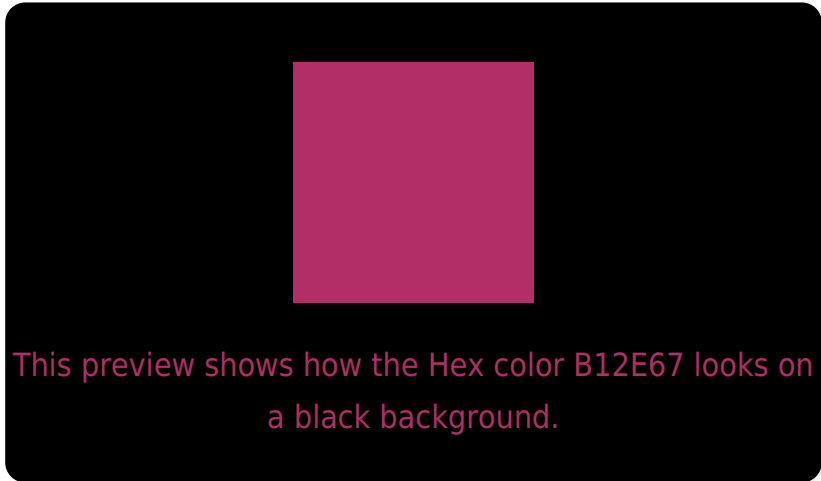
Large Text (above 18pt) WCAG AA ✓ Pass

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 B12E67 Background



This preview shows how black text looks on a background with the Hex color B12E67.



This preview shows how white text looks on a background with the Hex color B12E67.

# 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



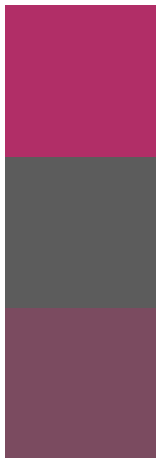
**Original Color**  
B12E67

**Protanomaly**  
784F7B

**Deuteranomaly**  
864E63

**Tritanomaly**  
AF354C

# Monochromacy



**Original Color**  
B12E67

**Achromatopsia**  
5C5C5C

**Achromatomaly**  
7B4B60

# CSS Examples

## Text

The CSS property to change the color of the text to Hex B12E67 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 #B12E67 looks like.

```
.text, #text, p{  
    color:#B12E67  
}
```

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 #B12E67 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B12E67
}
```

## Border

The CSS property to change the border of an element to Hex B12E67 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".

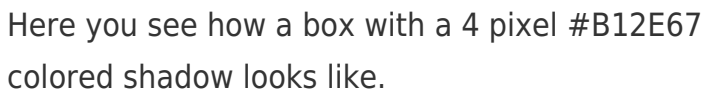
```
.border, #border, table{ border:4px solid
#B12E67 }
```

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

```
.border{ border-color:#B12E67 }
```

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

Here you see how a box with a 4 pixel #B12E67 colored shadow looks like.

A rectangular box with a dark red border and a dark red shadow. The box is white with a dark red border and a dark red shadow. The shadow is a 4px offset to the right and bottom of the box.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B12E67; -webkit-box-shadow:4px 4px  
4px 4px #B12E67; box-shadow:4px 4px 4px  
4px #B12E67 }
```

# Background

The CSS property to change the background color of an element to Hex B12E67 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B12E67 }
```

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

```
.background{ background-color:#B12E67 }
```

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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