

Converting Colors

Hex(B12A6E)

Have a look what the booklet for
Hex(B12A6E) contains.

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Color

Hex(B12A6E)

Conversions

Conversions Part 1

Format	Color
Hex	B12A6E
RGB	177, 42, 110
RGB Percent	69%, 16%, 43%
CMY	0.3059, 0.8353, 0.5686
CMYK	0.00, 0.76, 0.38, 0.31
HSL	330°, 62%, 43%
HSV	330°, 76%, 69%
XYZ	21.7739, 12.1288, 15.9453
YIQ	90.1170, 58.6320, 49.7680

Conversions

Conversions Part 2

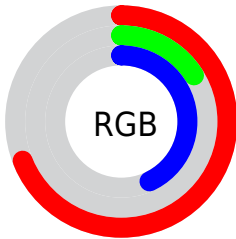
Format	Color
R_{YB}	177, 42, 110
Decimal	11610734
CIE Lab	41.42, 58.44, -6.42
CIE LCh	41, 58.791, 353.731
Yxy	12.1288, 0.4368, 0.2433
Android (android.graphics.Color)	4289800814 (0xFFB12A6E)
YUV	90.1170, 9.8023, 76.1964
Hunter-Lab	34.8265, 50.6539, -2.7675

Details

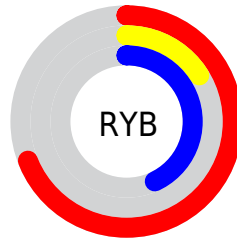
The Hex color **B12A6E** is a dark color, and the websafe version is hex **990066**. A complement of this color would be **2AB16D**, and the grayscale version is **5A5A5A**.

A 20% lighter version of the original color is **ED65A1**, and **77003F** is the 20% darker color. If you saturate the color by 10%, you get **B11865**, and if you desaturate by 10%, it is **B13C77**.

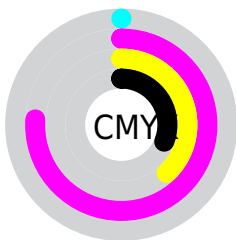
Distribution



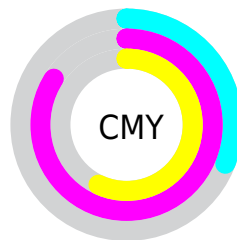
- Red (69%)
- Green (16%)
- Blue (43%)



- Red (69%)
- Yellow (16%)
- Blue (43%)



- Cyan (0%)
- Magenta (76%)
- Yellow (38%)
- Black (31%)



- Cyan (31%)
- Magenta (84%)
- Yellow (57%)

Brightness & Saturation Gradients

These gradients show how the Hex color B12A6E 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 B12A6E by changing the saturation by 10% instead.

 B12A6E

 B12A6E

FFFFFF

 940056

 ED65A1

 77003F

 FF80BC

 5B0029

 FF9CD8

 410014

 FFB9F5

 230001

 FFD6FF

 000000

 FFF3FF

 B12A6E

 B12A6E

 B11865

 B13C77

 B1075C

 B14D80

 B10059

 B15F88

 B17191

 B1829A

 B194A3

 B1A6AB

 B1B8B4

 B1C9BD

Harmonies

Analogous

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



91419C



B12A6E



B42F3E

Triad

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



B12A6E



526A00



0074AF

Complementary

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



B12A6E



2AB16D

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.



007787



B12A6E



007323

Square

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



B12A6E



7F5C00



007656



006BC3

Rectangle

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



B12A6E



AA3F20



007656



0075A4

Sweetspot

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



B12A6E



E6B1CB



6B2AB1



735363



F2F2F2



737373

Same Dimension

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



B12A6E



E6127D



B12A2C



595055



99004D



1A000D

Inverse Universe

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



B12A6E



E6127D



2AB1AF



595055



99004D



1A000D

Previews

White Background



This preview shows how the Hex color B12A6E looks on a white background.

Color Contrast Check

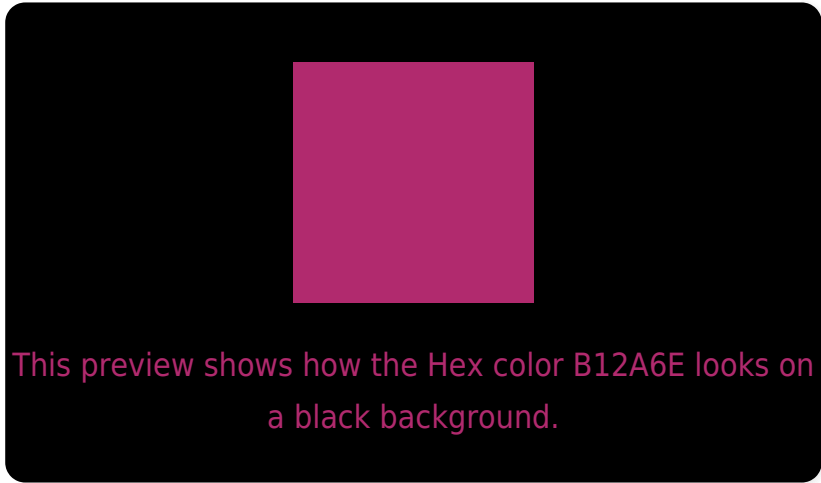
Large Text (above 18pt) WCAG AA ✓ Pass

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

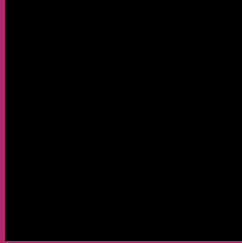
Any Text WCAG AA × Fail

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 B12A6E Background



This preview shows how black text looks on a background with the Hex color B12A6E.



This preview shows how white text looks on a background with the Hex color B12A6E.

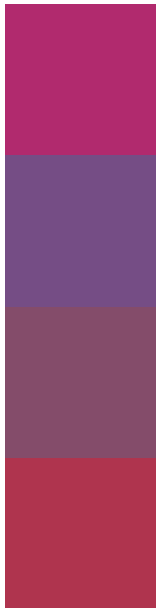
Color Blindness Simulation

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



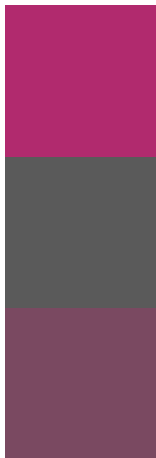
Original Color
B12A6E

Protanomaly
754D85

Deuteranomaly
844C6A

Tritanomaly
AF344E

Monochromacy



Original Color
B12A6E

Achromatopsia
5A5A5A

Achromatomaly
7A4961

CSS Examples

Text

The CSS property to change the color of the text to Hex B12A6E 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 #B12A6E looks like.

```
.text, #text, p{  
    color:#B12A6E  
}
```

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 #B12A6E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B12A6E
}
```

Border

The CSS property to change the border of an element to Hex B12A6E is called "border". The border property can be set on classes, ids or directly on the HTML element.

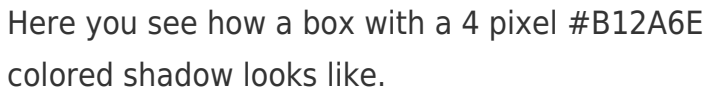
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#B12A6E }
```

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

```
.border{ border-color:#B12A6E }
```

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



Here you see how a box with a 4 pixel `#B12A6E` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B12A6E; -webkit-box-shadow:4px 4px  
4px 4px #B12A6E; box-shadow:4px 4px 4px  
4px #B12A6E }
```

Background

The CSS property to change the background color of an element to Hex B12A6E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B12A6E }
```

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

```
.background{ background-color:#B12A6E }
```

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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