

Converting Colors

Hex(B12861)

Have a look what the booklet for
Hex(B12861) contains.

Hex(B12861)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(B12861)

Conversions

Conversions Part 1

Format	Color
Hex	B12861
RGB	177, 40, 97
RGB Percent	69%, 16%, 38%
CMY	0.3059, 0.8431, 0.6196
CMYK	0.00, 0.77, 0.45, 0.31
HSL	335°, 63%, 43%
HSV	335°, 77%, 69%
XYZ	21.0479, 11.7278, 12.4636
YIQ	87.4610, 63.3550, 46.7710

Conversions

Conversions Part 2

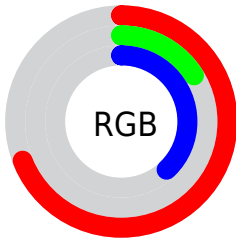
Format	Color
R_{YB}	177, 40, 97
Decimal	11610209
CIE _{Lab}	40.78, 57.76, 0.79
CIE _{LCh}	41, 57.765, 0.782
Yxy	11.7278, 0.4653, 0.2592
Android (android.graphics.Color)	4289800289 (0xFFB12861)
YUV	87.4610, 4.7027, 78.5257
Hunter-Lab	34.2458, 49.7782, 2.3938

Details

The Hex color **B12861** is a dark color, and the websafe version is hex **CC3366**. A complement of this color would be **28B178**, and the grayscale version is **575757**.

A 20% lighter version of the original color is **ED6393**, and **770033** is the 20% darker color. If you saturate the color by 10%, you get **B11657**, and if you desaturate by 10%, it is **B13A6B**.

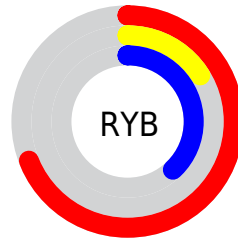
Distribution



Red (69%)

Green (16%)

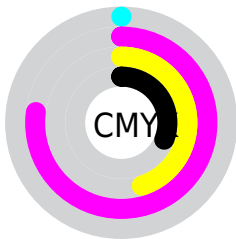
Blue (38%)



Red (69%)

Yellow (16%)

Blue (38%)

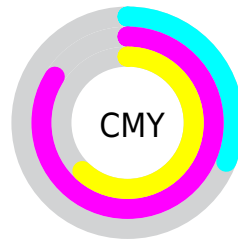


Cyan (0%)

Magenta (77%)

Yellow (45%)

Black (31%)



Cyan (31%)

Magenta (84%)

Yellow (62%)

Brightness & Saturation Gradients

These gradients show how the Hex color B12861 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 B12861 by changing the saturation by 10% instead.

 B12861

 B12861

FFFFFF

 940049

 ED6393

 770033

 FF7FAE

 5A001E

 FF9BC9

 410004

 FFB7E5

 200001

 FFD4FF

 000000

 FFF1FF

 B12861

 B12861

 B11657

 B13A6B

 B1054C

 B14B76

 B1004A

 B15D80

 B16F8A

 B18195

 B1929F

 B1A4A9

 B1B6B4

 B1C7BE

Harmonies

Analogous

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



993A8F



B12861



AF3433

Triad

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



B12861



446B00



0071B3

Complementary

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



B12861



28B178

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.



007590



B12861



00722F

Square

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



B12861



745F00



007560



0066C0

Rectangle

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



B12861



A14314



007560



0073A9

Sweetspot

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



B12861



E6B1C7



7828B1



735360



F2F2F2



737373

Same Dimension

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



B12861



E61069



B13328



595054



990040



1A000B

Inverse Universe

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



B12861



E61069



28A6B1



595054



990040



1A000B

Previews

White Background



This preview shows how the Hex color B12861 looks on a white background.

Color Contrast Check

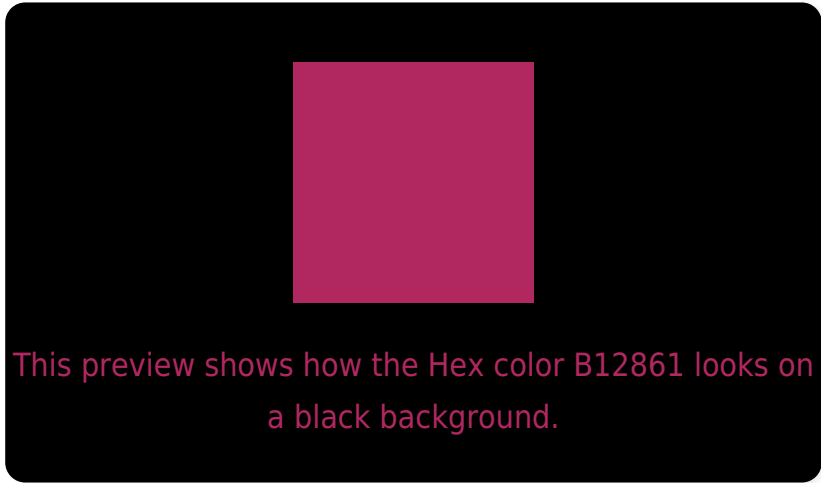
Large Text (above 18pt) WCAG AA ✓ Pass

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

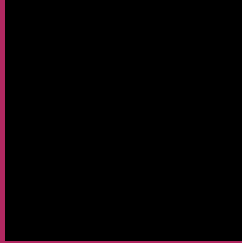
Any Text WCAG AA × Fail

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 B12861 Background



This preview shows how black text looks on a background with the Hex color B12861.




This preview shows how white text looks on a background with the Hex color B12861.

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
AF3436

Trichromacy



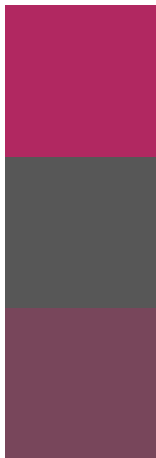
Original Color
B12861

Protanomaly
784C76

Deuteranomaly
864A5D

Tritanomaly
B03046

Monochromacy



Original Color
B12861

Achromatopsia
575757

Achromatomaly
78465B

CSS Examples

Text

The CSS property to change the color of the text to Hex B12861 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 #B12861 looks like.

```
.text, #text, p{  
    color:#B12861  
}
```

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 #B12861 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B12861
}
```

Border

The CSS property to change the border of an element to Hex B12861 is called "border". The border property can be set on classes, ids or directly on the HTML element.

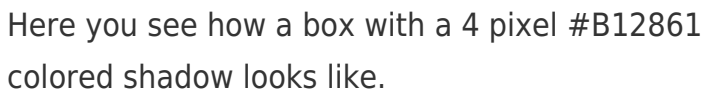
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#B12861 }
```

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

```
.border{ border-color:#B12861 }
```

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



Here you see how a box with a 4 pixel #B12861 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B12861; -webkit-box-shadow:4px 4px  
4px 4px #B12861; box-shadow:4px 4px 4px  
4px #B12861 }
```

Background

The CSS property to change the background color of an element to Hex B12861 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B12861 }
```

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

```
.background{ background-color:#B12861 }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor