

Converting Colors

Hex(B1286A)

Have a look what the booklet for
Hex(B1286A) contains.

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Color

Hex(B1286A)

Conversions

Conversions Part 1

Format	Color
Hex	B1286A
RGB	177, 40, 106
RGB Percent	69%, 16%, 42%
CMY	0.3059, 0.8431, 0.5843
CMYK	0.00, 0.77, 0.40, 0.31
HSL	331°, 63%, 43%
HSV	331°, 77%, 69%
XYZ	21.4918, 11.9053, 14.8009
YIQ	88.4870, 60.4660, 49.5700

Conversions

Conversions Part 2

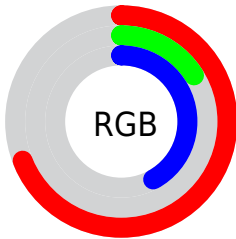
Format	Color
R_{YB}	177, 40, 106
Decimal	11610218
CIE _{Lab}	41.07, 58.64, -4.45
CIE _{LCh}	41, 58.810, 355.664
Yxy	11.9053, 0.4459, 0.2470
Android (android.graphics.Color)	4289800298 (0xFFB1286A)
YUV	88.4870, 8.6339, 77.6259
Hunter-Lab	34.5041, 50.8014, -1.2802

Details

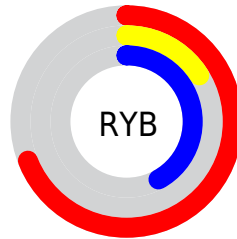
The Hex color **B1286A** is a dark color, and the websafe version is hex **993366**. A complement of this color would be **28B16F**, and the grayscale version is **585858**.

A 20% lighter version of the original color is **ED639D**, and **77003B** is the 20% darker color. If you saturate the color by 10%, you get **B11661**, and if you desaturate by 10%, it is **B13A73**.

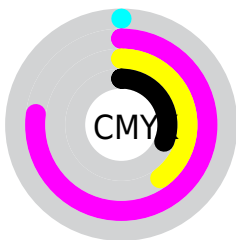
Distribution



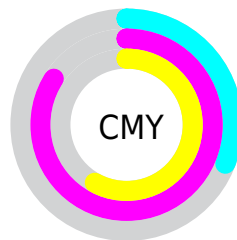
- Red (69%)
- Green (16%)
- Blue (42%)



- Red (69%)
- Yellow (16%)
- Blue (42%)



- Cyan (0%)
- Magenta (77%)
- Yellow (40%)
- Black (31%)



- Cyan (31%)
- Magenta (84%)
- Yellow (58%)

Brightness & Saturation Gradients

These gradients show how the Hex color B1286A 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 B1286A by changing the saturation by 10% instead.

 B1286A

 B1286A

FFFFFF

 940052

 ED639D

 77003B

 FF7FB8

 5B0025

 FF9BD4

 410010

 FFB7F0

 220001

 FFD4FF

 000000

 FFF2FF

 B1286A

 B1286A

 B11661

 B13A73

 B10558

 B14B7C

 B10055

 B15D86

 B16F8F

 B18198

 B192A1

 B1A4AA

 B1B6B3

 B1C7BD

Harmonies

Analogous

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



933E98



B1286A



B32F3A

Triad

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



B1286A



4D6A00



0073B0

Complementary

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



B1286A



28B16F

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.



007689



B1286A



007225

Square

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



B1286A



7B5C00



007658



0069C2

Rectangle

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



B1286A



A73F1C



007658



0074A5

Sweetspot

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



B1286A



E6B1CA



6F28B1



735362



F2F2F2



737373

Same Dimension

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



B1286A



E61077



B12A28



595055



99004A



1A000C

Inverse Universe

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



B1286A



E61077



28AFB1



595055



99004A



1A000C

Previews

White Background



This preview shows how the Hex color B1286A looks on a white background.

Color Contrast Check

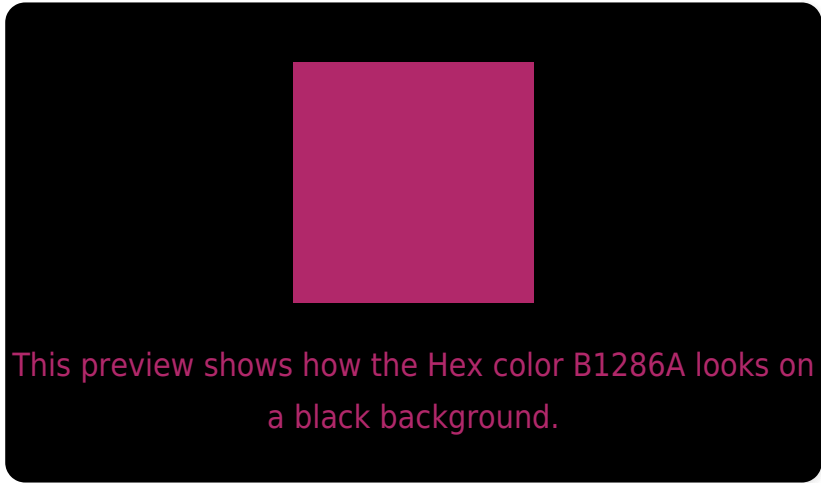
Large Text (above 18pt) WCAG AA ✓ Pass

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 B1286A Background



This preview shows how black text looks on a background with the Hex color B1286A.



This preview shows how white text looks on a background with the Hex color B1286A.

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



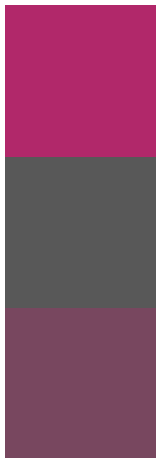
Original Color
B1286A

Protanomaly
754C81

Deuteranomaly
844B66

Tritanomaly
AF314B

Monochromacy



Original Color
B1286A

Achromatopsia
585858

Achromatomaly
78475F

CSS Examples

Text

The CSS property to change the color of the text to Hex B1286A 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 #B1286A looks like.

```
.text, #text, p{  
    color:#B1286A  
}
```

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 #B1286A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B1286A
}
```

Border

The CSS property to change the border of an element to Hex B1286A is called "border". The border property can be set on classes, ids or directly on the HTML element.

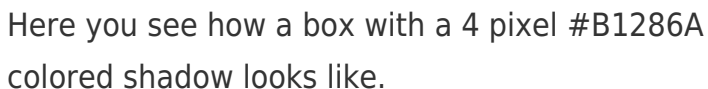
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#B1286A }
```

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

```
.border{ border-color:#B1286A }
```

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



Here you see how a box with a 4 pixel #B1286A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B1286A; -webkit-box-shadow:4px 4px  
4px 4px #B1286A; box-shadow:4px 4px 4px  
4px #B1286A }
```

Background

The CSS property to change the background color of an element to Hex B1286A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B1286A }
```

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

```
.background{ background-color:#B1286A }
```

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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