

Converting Colors

Hex(BA12DC)

Have a look what the booklet for
Hex(BA12DC) contains.

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Color

Hex(BA12DC)

Conversions

Conversions Part 1

Format	Color
Hex	BA12DC
RGB	186, 18, 220
RGB Percent	73%, 7%, 86%
CMY	0.2706, 0.9294, 0.1373
CMYK	0.15, 0.92, 0.00, 0.14
HSL	290°, 85%, 47%
HSV	290°, 92%, 86%
XYZ	33.3843, 16.0390, 69.0464
YIQ	91.2600, 35.2860, 98.4380

Conversions

Conversions Part 2

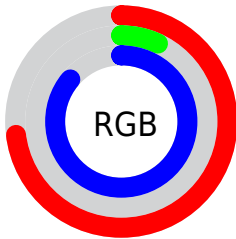
Format	Color
R_{YB}	186, 18, 220
Decimal	12194524
CIE _{Lab}	47.03, 81.12, -63.16
CIE _{LCh}	47, 102.808, 322.094
Yxy	16.0390, 0.2818, 0.1354
Android (android.graphics.Color)	4290384604 (0xFFBA12DC)
YUV	91.2600, 63.4688, 83.0870
Hunter-Lab	40.0487, 78.7107, -74.1854

Details

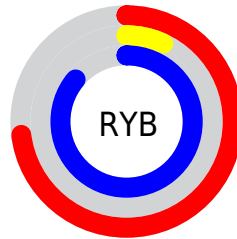
The Hex color **BA12DC** is a dark color, and the websafe version is hex **9900CC**. The color can be described as middle washed purple. A complement of this color would be **34DC12**, and the grayscale version is **5B5B5B**.

A 20% lighter version of the original color is **F65FFF**, and **7F00A4** is the 20% darker color. If you saturate the color by 10%, you get **B700DC**, and if you desaturate by 10%, it is **BE28DC**.

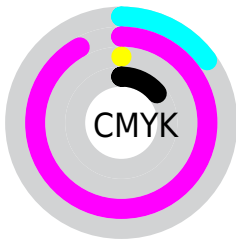
Distribution



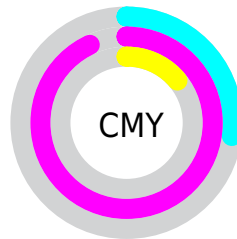
- Red (73%)
- Green (7%)
- Blue (86%)



- Red (73%)
- Yellow (7%)
- Blue (86%)



- Cyan (15%)
- Magenta (92%)
- Yellow (0%)
- Black (14%)



- Cyan (27%)
- Magenta (93%)
- Yellow (14%)

Brightness & Saturation Gradients

These gradients show how the Hex color BA12DC 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 BA12DC by changing the saturation by 10% instead.

 BA12DC

 BA12DC

FFFFFF

 9C00C0

 F65FFF

 7F00A4

 FF7DFF

 620089

 FF9BFF

 45006F

 FFB8FF


 280055

 FFD6FF

 00003D

 FFF4FF

 000226

 00010F

 000000

 BA12DC

 BA12DC

 B700DC

 BE28DC

 C13EDC

 C554DC

 C96ADC

 CD80DC

 D096DC

 D4ACDC

 D8C2DC

 DBD8DC

Harmonies

Analogous

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



0064FF



BA12DC



F5008A

Triad

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



BA12DC



9B6500



0090AF

Complementary

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



BA12DC



34DC12

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.



008E55



BA12DC



487E00

Square

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



BA12DC



D72B00



008900



008FFA

Rectangle

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



BA12DC



FD0052



008900



008F92

Sweetspot

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



BA12DC



F3B8FF



1237DC



785480



000000



808080

Same Dimension

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



BA12DC



D400FF



DC129C



6C636E



9000AD



26002E

Inverse Universe

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



DC1234



FF002B



12DC52



6E6365



AD001D



2E0008

Previews

White Background



This preview shows how the Hex color BA12DC 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

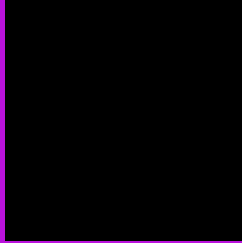
Any Text WCAG AA × Fail

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 BA12DC Background



This preview shows how black text looks on a background with the Hex color BA12DC.

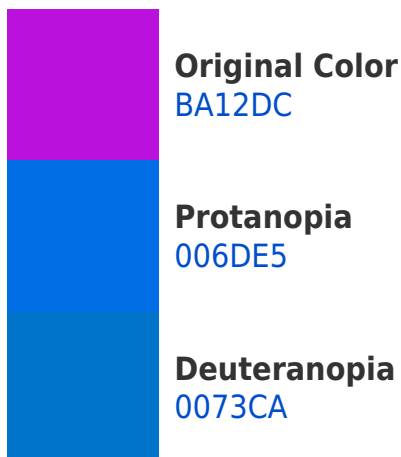


This preview shows how white text looks on a background with the Hex color BA12DC.

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
A9575D

Trichromacy



Original Color
BA12DC



Protanomaly
444CE2



Deuteranomaly
4450D1



Tritanomaly
AF3E8B

Monochromacy



Original Color
BA12DC



Achromatopsia
5B5B5B



Achromatomaly
7E408A

CSS Examples

Text

The CSS property to change the color of the text to Hex BA12DC 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 #BA12DC looks like.

```
.text, #text, p{  
    color:#BA12DC  
}
```

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 #BA12DC colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #BA12DC
}
```

Border

The CSS property to change the border of an element to Hex BA12DC 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
#BA12DC }
```

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

```
.border{ border-color:#BA12DC }
```

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

Here you see how a box with a 4 pixel #BA12DC colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #BA12DC; -webkit-box-shadow:4px 4px  
4px 4px #BA12DC; box-shadow:4px 4px 4px  
4px #BA12DC }
```

Background

The CSS property to change the background color of an element to Hex BA12DC is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#BA12DC }
```

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

```
.background{ background-color:#BA12DC }
```

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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