

Converting Colors

Hex(B00066)

Have a look what the booklet for
Hex(B00066) contains.

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Color

Hex(B00066)

Conversions

Conversions Part 1

| Format | Color |
|---------------|---------------------------|
| Hex | B00066 |
| RGB | 176, 0, 102 |
| RGB Percent | 69%, 0%, 40% |
| CMY | 0.3098, 1.0000, 0.6000 |
| CMYK | 0.00, 1.00, 0.42, 0.31 |
| HSL | 325°, 100%, 35% |
| HSV | 325°, 100%, 69% |
| XYZ | 20.3028, 10.1894, 13.4671 |
| YIQ | 64.2520, 72.1540, 69.0340 |

Conversions

Conversions Part 2

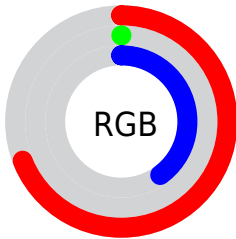
| Format | Color |
|-------------------------------------|------------------------------|
| R_{YB} | 176, 0, 102 |
| Decimal | 11534438 |
| CIE _{Lab} | 38.18, 65.35, -6.23 |
| CIE _{LCh} | 38, 65.649, 354.551 |
| Yxy | 10.1894, 0.4619, 0.2318 |
| Android (android.graphics.Color) | 4289724518 (0xFFB00066) |
| YUV | 64.2520, 18.6098, 98.0030 |
| Hunter-Lab | 31.9209, 57.6706, -2.6692 |

Details

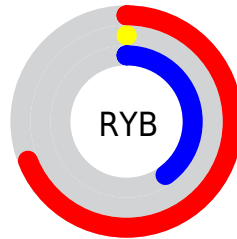
The Hex color **B00066** is a dark color, and the websafe version is hex **990066**. A complement of this color would be **00B04A**, and the grayscale version is **404040**.

A 20% lighter version of the original color is **EC5299**, and **750037** is the 20% darker color. If you saturate the color by 10%, you get **B00066**, and if you desaturate by 10%, it is **B0126D**.

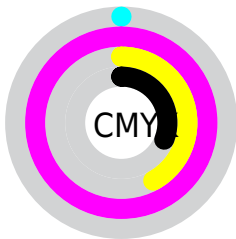
Distribution



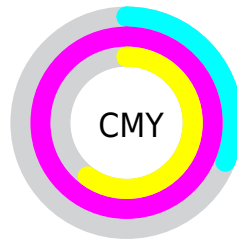
- Red (69%)
- Green (0%)
- Blue (40%)



- Red (69%)
- Yellow (0%)
- Blue (40%)



- Cyan (0%)
- Magenta (100%)
- Yellow (42%)
- Black (31%)



- Cyan (31%)
- Magenta (100%)
- Yellow (60%)

Brightness & Saturation Gradients

These gradients show how the Hex color B00066 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 B00066 by changing the saturation by 10% instead.

 B00066

 B00066

FFFFFF

 92004E

 EC5299

 750037

 FF6FB4

 590022

 FF8BCF

 3E000A

 FFA8EB

 1C0001

 FFC5FF

 000000

 FFE3FF

 B00066

 B0126D

 B02375

 B0357C

 B04684

 B0588B

 B06A92

 B07B9A

 B08DA1

 B09EA9

Harmonies

Analogous

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



8E3099



B00066



B21432

Triad

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



B00066



446400



006DB1

Complementary

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



B00066



00B04A

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.



007085



B00066



006C12

Square

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



B00066



775400



006F4E



0064C5

Rectangle

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



B00066



A6300C



006F4E



006FA4

Sweetspot

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



B00066



E6A1C9



4900B0



734961



F2F2F2



737373

Same Dimension

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



B00066



E60085



B0000F



595055



990059



1A000F

Inverse Universe

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



B00066



E60085



00B0A1



595055



990059



1A000F

Previews

White Background



This preview shows how the Hex color B00066 looks on a white background.

Color Contrast Check

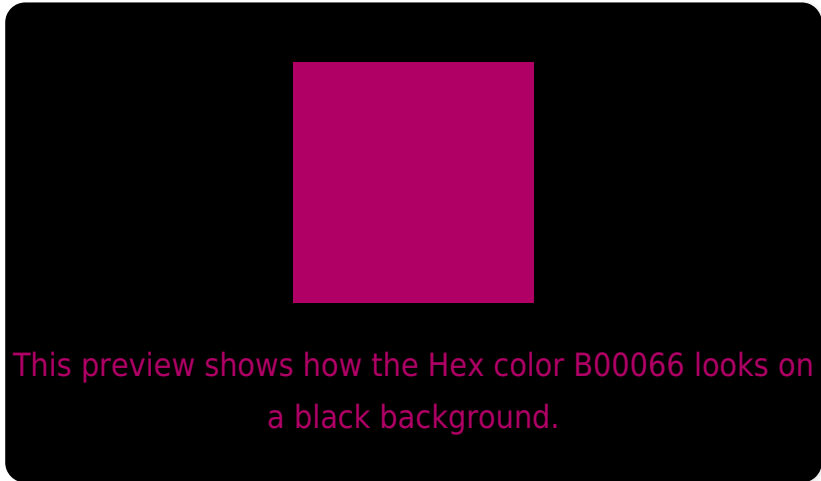
Large Text (above 18pt) WCAG AA ✓ Pass

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 B00066 Background



This preview shows how black text looks on a background with the Hex color B00066.



This preview shows how white text looks on a background with the Hex color B00066.

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



Original Color
B00066

Protanopia
485B93

Deuteranopia
655A5E

Trichromacy



Original Color
B00066



Protanomaly
6E3A83



Deuteranomaly
803961



Tritanomaly
AE193F

Monochromacy



Original Color
B00066



Achromatopsia
404040



Achromatomaly
69294E

CSS Examples

Text

The CSS property to change the color of the text to Hex B00066 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 #B00066 looks like.

```
.text, #text, p{  
    color:#B00066  
}
```

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 #B00066 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B00066
}
```

Border

The CSS property to change the border of an element to Hex B00066 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
#B00066 }
```

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

```
.border{ border-color:#B00066 }
```

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

Here you see how a box with a 4 pixel #B00066 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B00066; -webkit-box-shadow:4px 4px  
4px 4px #B00066; box-shadow:4px 4px 4px  
4px #B00066 }
```

Background

The CSS property to change the background color of an element to Hex B00066 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B00066 }
```

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

```
.background{ background-color:#B00066 }
```

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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