

Converting Colors

Hex(B41E86)

Have a look what the booklet for
Hex(B41E86) contains.

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Color

Hex(B41E86)

Conversions

Conversions Part 1

Format	Color
Hex	B41E86
RGB	180, 30, 134
RGB Percent	71%, 12%, 53%
CMY	0.2941, 0.8824, 0.4745
CMYK	0.00, 0.83, 0.26, 0.29
HSL	318°, 71%, 41%
HSV	318°, 83%, 71%
XYZ	23.5897, 12.3531, 23.6953
YIQ	86.7060, 56.0160, 64.1440

Conversions

Conversions Part 2

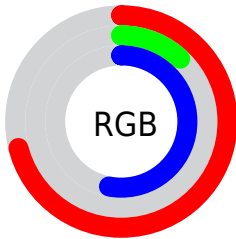
Format	Color
R_{YB}	180, 30, 134
Decimal	11804294
CIE _{Lab}	41.77, 65.20, -20.69
CIE _{LCh}	42, 68.407, 342.392
Yxy	12.3531, 0.3955, 0.2071
Android (android.graphics.Color)	4289994374 (0xFFB41E86)
YUV	86.7060, 23.3159, 81.8188
Hunter-Lab	35.1469, 58.2975, -15.3692

Details

The Hex color **B41E86** is a dark color, and the websafe version is hex **CC3399**. A complement of this color would be **1EB44C**, and the grayscale version is **565656**.

A 20% lighter version of the original color is **EF5FBB**, and **7A0054** is the 20% darker color. If you saturate the color by 10%, you get **B40C80**, and if you desaturate by 10%, it is **B4308C**.

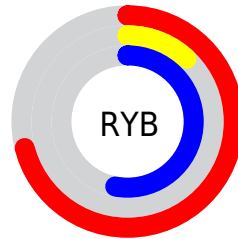
Distribution



Red (71%)

Green (12%)

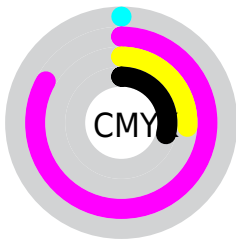
Blue (53%)



Red (71%)

Yellow (12%)

Blue (53%)

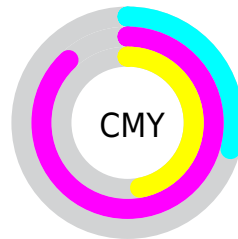


Cyan (0%)

Magenta (83%)

Yellow (26%)

Black (29%)



Cyan (29%)

Magenta (88%)

Yellow (47%)

Brightness & Saturation Gradients

These gradients show how the Hex color B41E86 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 B41E86 by changing the saturation by 10% instead.

 B41E86

 B41E86

FFFFFF

 97006D

 EF5FBB

 7A0054

 FF7BD7

 5E003D

 FF98F4

 440027

 FFB4FF

 280010

 FFD2FF

 000000

 FFEFFF

 B41E86

 B41E86

 B40C80

 B4308C

 B4007D

 B44291

 B45497

 B4669C

 B478A2

 B48AA7

 B49CAD

 B4AEB2

 B4C0B8

Harmonies

Analogous

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



7F46B7



B41E86



C30A4E

Triad

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



B41E86



636800



0079AE

Complementary

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



B41E86



1EB44C

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.



007A79



B41E86



167300

Square

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



B41E86



935300



00783E



0072CF

Rectangle

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



B41E86



BC272A



00783E



007A9E

Sweetspot

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



B41E86



EBB0D9



4B1EB4



75526B



F5F5F5



757575

Same Dimension

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



B41E86



EB00A3



B41E3C



595057



99006A



1A0012

Inverse Universe

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



B41E86



EB00A3



1EB496



595057



99006A



1A0012

Previews

White Background



This preview shows how the Hex color B41E86 looks on a white background.

Color Contrast Check

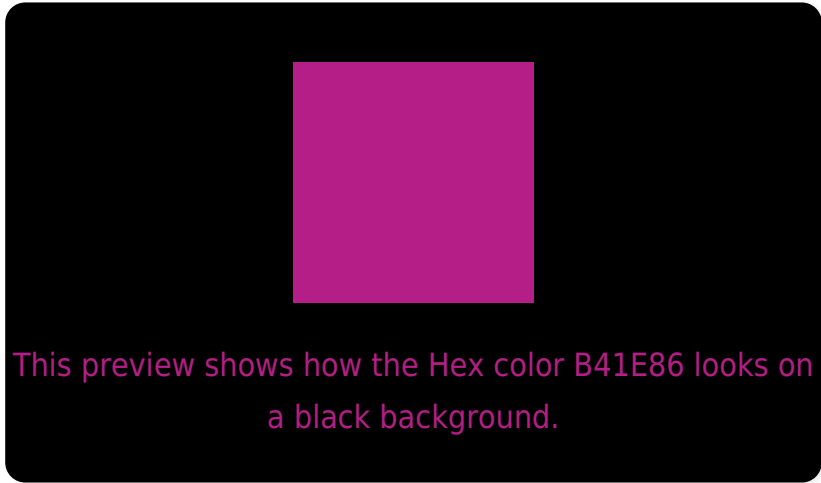
Large Text (above 18pt) WCAG AA ✓ Pass

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

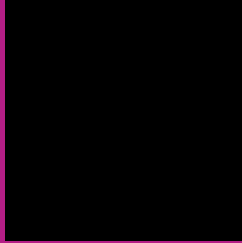
Any Text WCAG AA × Fail

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 B41E86 Background



This preview shows how black text looks on a background with the Hex color B41E86.



This preview shows how white text looks on a background with the Hex color B41E86.

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
B41E86

Protanomaly
6549A6

Deuteranomaly
7F4981

Tritanomaly
B03058

Monochromacy



Original Color
B41E86

Achromatopsia
575757

Achromatomaly
794268

CSS Examples

Text

The CSS property to change the color of the text to Hex B41E86 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 #B41E86 looks like.

```
.text, #text, p{  
    color:#B41E86  
}
```

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 #B41E86 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B41E86
}
```

Border

The CSS property to change the border of an element to Hex B41E86 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
#B41E86 }
```

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

```
.border{ border-color:#B41E86 }
```

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

Here you see how a box with a 4 pixel #B41E86 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B41E86; -webkit-box-shadow:4px 4px  
4px 4px #B41E86; box-shadow:4px 4px 4px  
4px #B41E86 }
```

Background

The CSS property to change the background color of an element to Hex B41E86 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B41E86 }
```

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

```
.background{ background-color:#B41E86 }
```

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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