

Converting Colors

Hex(8041BE)

Have a look what the booklet for
Hex(8041BE) contains.

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Color

Hex(8041BE)

Conversions

Conversions Part 1

Format	Color
Hex	8041BE
RGB	128, 65, 190
RGB Percent	50%, 25%, 75%
CMY	0.4980, 0.7451, 0.2549
CMYK	0.33, 0.66, 0.00, 0.25
HSL	270°, 49%, 50%
HSV	270°, 66%, 75%
XYZ	20.0866, 12.0875, 49.9896
YIQ	98.0870, -2.5770, 52.2310

Conversions

Conversions Part 2

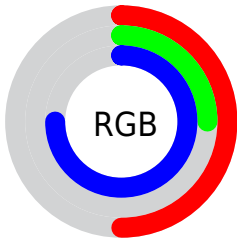
Format	Color
R_{YB}	128, 65, 190
Decimal	8405438
CIE _{Lab}	41.35, 50.60, -55.40
CIE _{LCh}	41, 75.035, 312.409
Yxy	12.0875, 0.2445, 0.1471
Android (android.graphics.Color)	4286595518 (0xFF8041BE)
YUV	98.0870, 45.3131, 26.2337
Hunter-Lab	34.7671, 42.2859, -60.9128

Details

The Hex color **8041BE** is a dark color, and the websafe version is hex **663399**. A complement of this color would be **7FBE41**, and the grayscale version is **626262**.

A 20% lighter version of the original color is **B975F7**, and **480888** is the 20% darker color. If you saturate the color by 10%, you get **772EBE**, and if you desaturate by 10%, it is **8954BE**.

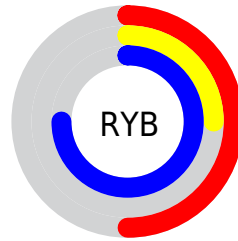
Distribution



Red (50%)

Green (25%)

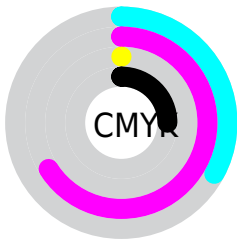
Blue (75%)



Red (50%)

Yellow (25%)

Blue (75%)

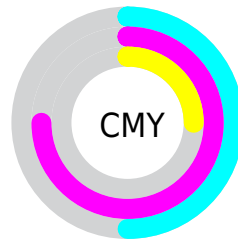


Cyan (33%)

Magenta (66%)

Yellow (0%)

Black (25%)



Cyan (50%)

Magenta (75%)

Yellow (25%)

Brightness & Saturation Gradients

These gradients show how the Hex color 8041BE 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 8041BE by changing the saturation by 10% instead.

 8041BE

 8041BE

FFFFFF

 6427A2

 B975F7

 480888

 D68FFF

 2B006E

 F3ABFF

 0D0055

 FFC7FF

 00003C

 FFE3FF

 000225

 00010E

 000000

 8041BE

 8041BE

772EBE

8954BE

6D1BBE

9367BE

6408BE

9C7ABE

6000BE

A68DBE

AFA0BE

B9B3BE

C2C6BE

CBD9BE

D5ECBE

Harmonies

Analogous

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



0062DC



8041BE



BA0088

Triad

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



8041BE



955100



007B7B

Complementary

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



8041BE



7FBE41

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.



007839



8041BE



616700

Square

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



8041BE



BA2A0B



007300



007AB4

Rectangle

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



8041BE



C80060



007300



007A65

Sweetspot

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



8041BE



DFC6F7



4180BE



6E5F7D



FCFCFC



7D7D7D

Same Dimension

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



8041BE



9634F7



BE41BE



5A555E



50009E



0F001F

Inverse Universe

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



BE417F



F73495



41BE41



5E555A



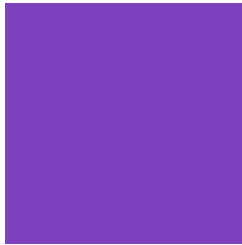
9E004E



1F000F

Previews

White Background



This preview shows how the Hex color 8041BE looks on a white background.

Color Contrast Check

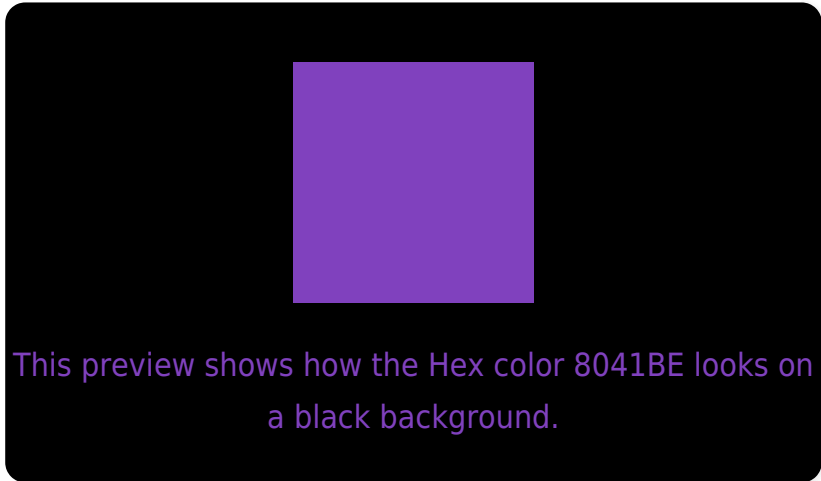
Large Text (above 18pt) WCAG AA ✓ Pass

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

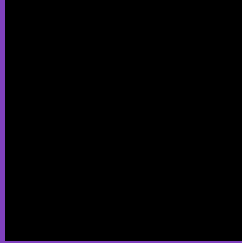
Any Text WCAG AA × Fail

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 8041BE Background



This preview shows how black text looks on a background with the Hex color 8041BE.

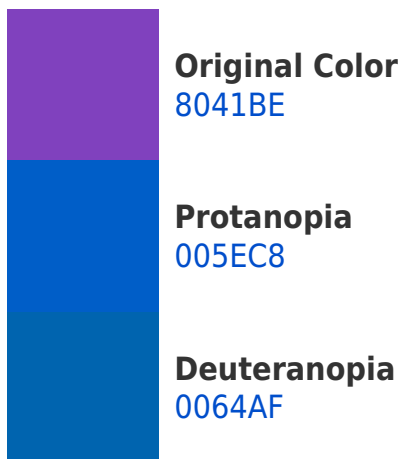


This preview shows how white text looks on a background with the Hex color 8041BE.

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](#).

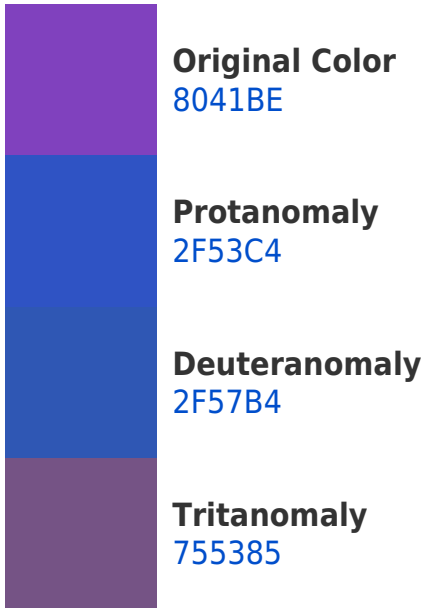
Dichromacy



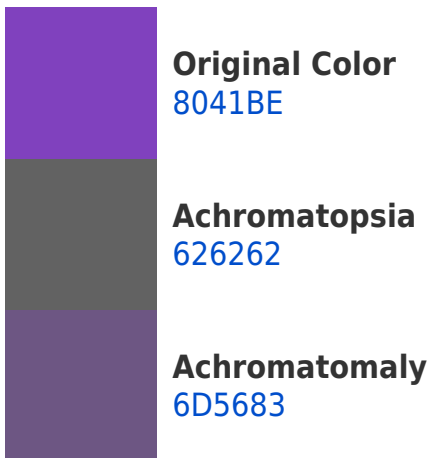


Tritanopia
6F5D64

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 8041BE 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 #8041BE looks like.

```
.text, #text, p{  
    color:#8041BE  
}
```

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 #8041BE colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #8041BE
}
```

Border

The CSS property to change the border of an element to Hex 8041BE is called "border". The border property can be set on classes, ids or directly on the HTML element.

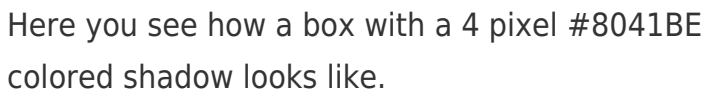
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#8041BE }
```

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

```
.border{ border-color:#8041BE }
```

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



Here you see how a box with a 4 pixel #8041BE colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #8041BE; -webkit-box-shadow:4px 4px  
4px 4px #8041BE; box-shadow:4px 4px 4px  
4px #8041BE }
```

Background

The CSS property to change the background color of an element to Hex 8041BE is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#8041BE }
```

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

```
.background{ background-color:#8041BE }
```

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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