

Converting Colors

Hex(8140B7)

Have a look what the booklet for
Hex(8140B7) contains.

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Color

Hex(8140B7)

Conversions

Conversions Part 1

Format	Color
Hex	8140B7
RGB	129, 64, 183
RGB Percent	51%, 25%, 72%
CMY	0.4941, 0.7490, 0.2824
CMYK	0.30, 0.65, 0.00, 0.28
HSL	273°, 48%, 48%
HSV	273°, 65%, 72%
XYZ	19.4339, 11.7528, 46.0440
YIQ	97.0010, 0.5410, 50.7890

Conversions

Conversions Part 2

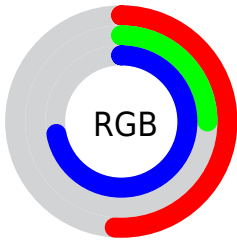
Format	Color
R _Y B	129, 64, 183
Decimal	8470711
CIE Lab	40.82, 49.65, -52.15
CIE LCh	41, 72.004, 313.590
Yxy	11.7528, 0.2516, 0.1522
Android (android.graphics.Color)	4286660791 (0xFF8140B7)
YUV	97.0010, 42.3975, 28.0631
Hunter-Lab	34.2824, 41.1934, -55.6336

Details

The Hex color **8140B7** is a dark color, and the websafe version is hex **663399**. A complement of this color would be **76B740**, and the grayscale version is **616161**.

A 20% lighter version of the original color is **B974F0**, and **4A0781** is the 20% darker color. If you saturate the color by 10%, you get **792EB7**, and if you desaturate by 10%, it is **8952B7**.

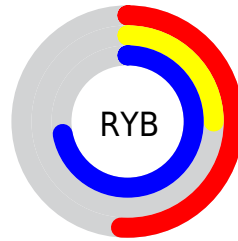
Distribution



Red (51%)

Green (25%)

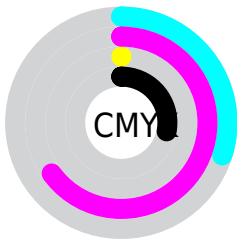
Blue (72%)



Red (51%)

Yellow (25%)

Blue (72%)

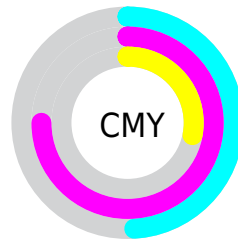


Cyan (30%)

Magenta (65%)

Yellow (0%)

Black (28%)



Cyan (49%)

Magenta (75%)

Yellow (28%)

Brightness & Saturation Gradients

These gradients show how the Hex color 8140B7 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 8140B7 by changing the saturation by 10% instead.

8140B7

8140B7

FFFFFF

66269C

B974F0

4A0781

D68EFF

2E0067

F4AAFF

14004F

FFC6FF

000037

FFE2FF

000220

000004

000000

8140B7

8140B7

792EB7

8952B7

701BB7

9265B7

6809B7

9A77B7

6400B7

A289B7

AB9BB7

B3AEB7

BBC0B7

C3D2B7

CCE5B7

Harmonies

Analogous

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



005FD5



8140B7



B60683

Triad

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



8140B7



905100



00797B

Complementary

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



8140B7



76B740

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.



00773C



8140B7



5E6600

Square

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



8140B7



B42F0B



007100



0077B1

Rectangle

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



8140B7



C3005C



007100



007866

Sweetspot

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



8140B7



D8BEED



4078B7



6B5B78



F7F7F7



787878

Same Dimension

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



8140B7



9934ED



B740B3



58535C



55009C



0F001C

Inverse Universe

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



B74076



ED3488



40B744



5C5357



9C0047



1C000D

Previews

White Background



This preview shows how the Hex color 8140B7 looks on a white background.

Color Contrast Check

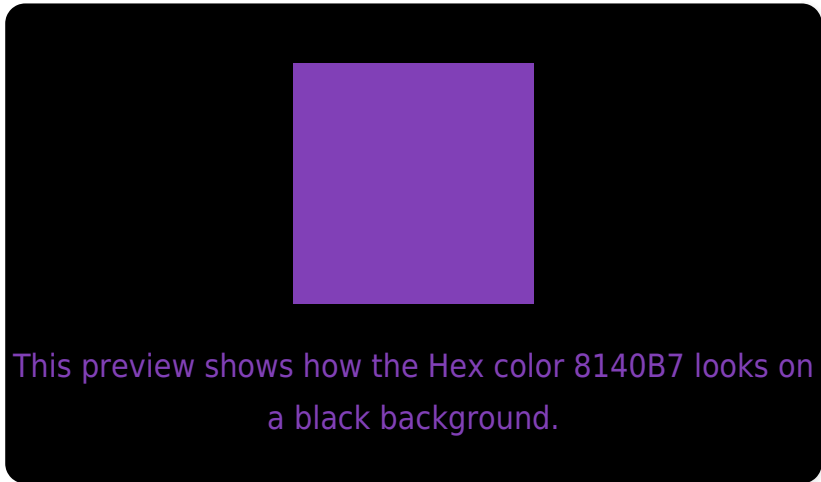
Large Text (above 18pt) WCAG AA ✓ Pass

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

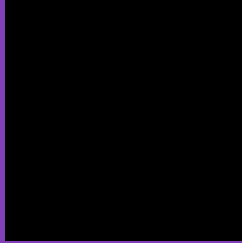
Any Text WCAG AA × Fail

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 8140B7 Background



This preview shows how black text looks on a background with the Hex color 8140B7.

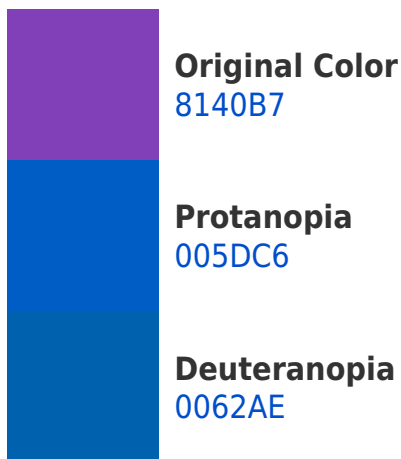



This preview shows how white text looks on a background with the Hex color 8140B7.

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](#).

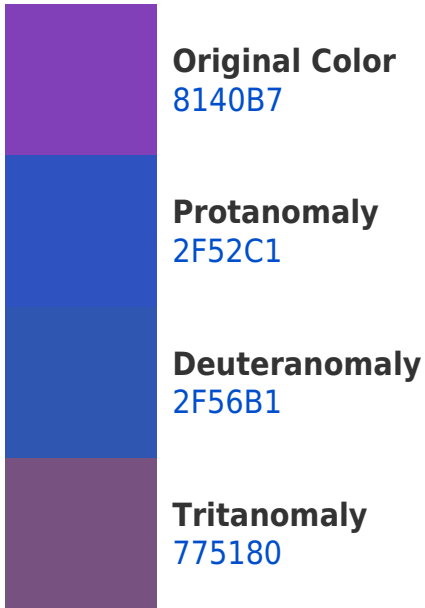
Dichromacy



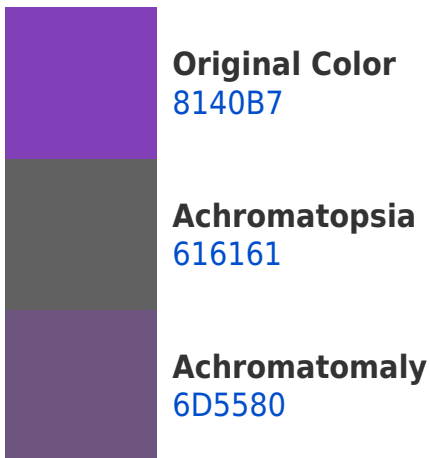


Tritanopia
725A61

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 8140B7 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 #8140B7 looks like.

```
.text, #text, p{  
    color:#8140B7  
}
```

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 #8140B7 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #8140B7
}
```

Border

The CSS property to change the border of an element to Hex 8140B7 is called "border". The border property can be set on classes, ids or directly on the HTML element.

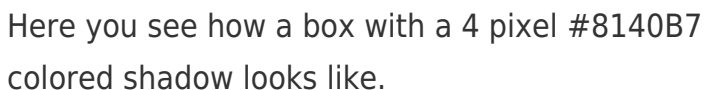
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#8140B7 }
```

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

```
.border{ border-color:#8140B7 }
```

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



Here you see how a box with a 4 pixel #8140B7 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #8140B7; -webkit-box-shadow:4px 4px  
4px 4px #8140B7; box-shadow:4px 4px 4px  
4px #8140B7 }
```

Background

The CSS property to change the background color of an element to Hex 8140B7 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#8140B7 }
```

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

```
.background{ background-color:#8140B7 }
```

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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