

Converting Colors

Hex(B274E7)

Have a look what the booklet for
Hex(B274E7) contains.

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Color

Hex(B274E7)

Conversions

Conversions Part 1

Format	Color
Hex	B274E7
RGB	178, 116, 231
RGB Percent	70%, 45%, 91%
CMY	0.3020, 0.5451, 0.0941
CMYK	0.23, 0.50, 0.00, 0.09
HSL	272°, 71%, 68%
HSV	272°, 50%, 91%
XYZ	39.0293, 27.7253, 78.8958
YIQ	147.6480, 0.0370, 48.9090

Conversions

Conversions Part 2

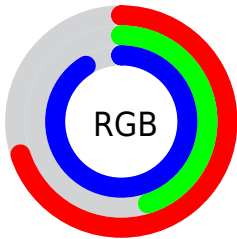
Format	Color
R _Y B	178, 116, 231
Decimal	11695335
CIE _{Lab}	59.64, 45.61, -49.22
CIE _{LCh}	60, 67.103, 312.815
Yxy	27.7253, 0.2680, 0.1904
Android (android.graphics.Color)	4289885415 (0xFFB274E7)
YUV	147.6480, 41.0925, 26.6187
Hunter-Lab	52.6548, 40.1636, -51.9793

Details

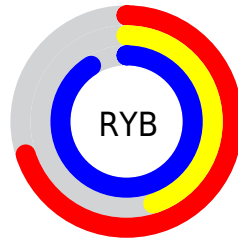
The Hex color **B274E7** is a light color, and the websafe version is hex **9966CC**. A complement of this color would be **A9E774**, and the grayscale version is **939393**.

A 20% lighter version of the original color is **ECAAFF**, and **7A41AF** is the 20% darker color. If you saturate the color by 10%, you get **A75DE7**, and if you desaturate by 10%, it is **BD8BE7**.

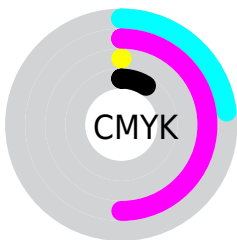
Distribution



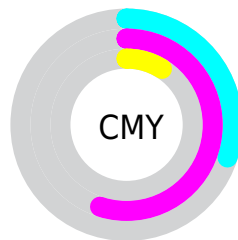
- Red (70%)
- Green (45%)
- Blue (91%)



- Red (70%)
- Yellow (45%)
- Blue (91%)



- Cyan (23%)
- Magenta (50%)
- Yellow (0%)
- Black (9%)



- Cyan (30%)
- Magenta (55%)
- Yellow (9%)

Brightness & Saturation Gradients

These gradients show how the Hex color B274E7 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 B274E7 by changing the saturation by 10% instead.

 B274E7

 B274E7

FFFFFF

 965ACB

 ECAAFF

 7A41AF


 FFC5FF

 5F2894

 FFE2FF

 440C79

 290060

 110048

 000330

 00011A

 000000

 B274E7

 B274E7

 A75DE7

 BD8BE7

 9D46E7

 C7A2E7

 922FE7

 D2B9E7

 8718E7

 DDD0E7

 7D00E7

 E7E7E7

 F2FFE7

 FDFFE7

 FFFFE7

Harmonies

Analogous

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



398EFF



B274E7



E85AB4

Triad

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



B274E7



C7800A



00ABA8

Complementary

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



B274E7



A9E774

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.



00A96B



B274E7



949500

Square

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



B274E7



EB6641



50A230



00A9DF

Rectangle

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



B274E7



F7528D



50A230



00AB94

Sweetspot

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



B274E7



EDD9FF



74AAE7



756980



000000



808080

Same Dimension

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



B274E7



B866FF



E774E3



6D6773



6000B3



1B0033

Inverse Universe

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



E774A9



FF66AD



74E778



73676D



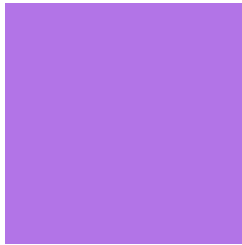
B30052



330018

Previews

White Background



This preview shows how the Hex color B274E7 looks on a white 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

Black 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

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Hex B274E7 Background



This preview shows how black text looks on a background with the Hex color B274E7.

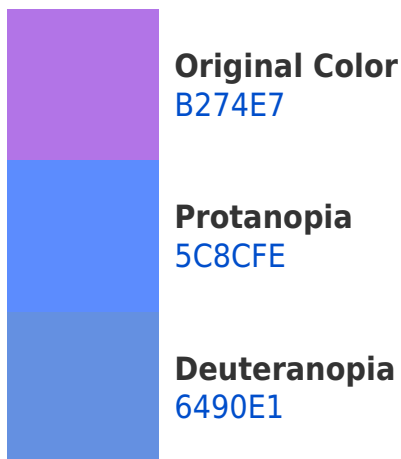


This preview shows how white text looks on a background with the Hex color B274E7.

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](#).

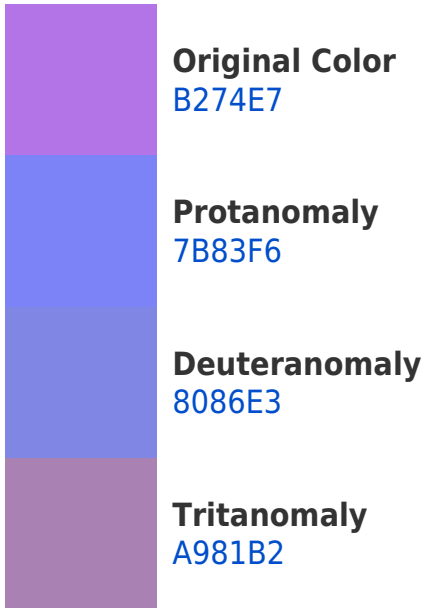
Dichromacy



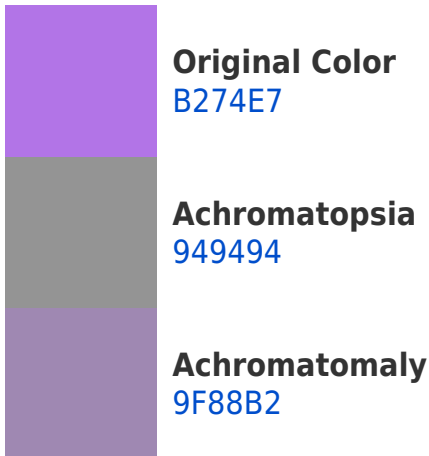


Tritanopia
A48893

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex B274E7 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 #B274E7 looks like.

```
.text, #text, p{  
    color:#B274E7  
}
```

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 #B274E7 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B274E7
}
```

Border

The CSS property to change the border of an element to Hex B274E7 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
#B274E7 }
```

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

```
.border{ border-color:#B274E7 }
```

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

Here you see how a box with a 4 pixel #B274E7 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B274E7; -webkit-box-shadow:4px 4px  
4px 4px #B274E7; box-shadow:4px 4px 4px  
4px #B274E7 }
```

Background

The CSS property to change the background color of an element to Hex B274E7 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B274E7 }
```

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

```
.background{ background-color:#B274E7 }
```

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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