

Converting Colors

Hex(B276F5)

Have a look what the booklet for
Hex(B276F5) contains.

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Color

Hex(**B276F5**)

Conversions

Conversions Part 1

Format	Color
Hex	B276F5
RGB	178, 118, 245
RGB Percent	70%, 46%, 96%
CMY	0.3020, 0.5373, 0.0392
CMYK	0.27, 0.52, 0.00, 0.04
HSL	268°, 86%, 71%
HSV	268°, 52%, 96%
XYZ	41.3200, 29.0144, 89.8087
YIQ	150.4180, -5.0070, 52.2170

Conversions

Conversions Part 2

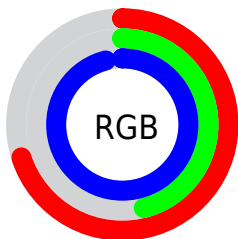
Format	Color
R_{YB}	178, 118, 245
Decimal	11695861
CIE _{Lab}	60.79, 47.76, -55.16
CIE _{LCh}	61, 72.964, 310.888
Yxy	29.0144, 0.2580, 0.1812
Android (android.graphics.Color)	4289885941 (0xFFB276F5)
YUV	150.4180, 46.6289, 24.1894
Hunter-Lab	53.8650, 42.6639, -61.1482

Details

The Hex color **B276F5** is a light color, and the websafe version is hex **9966CC**. A complement of this color would be **B9F576**, and the grayscale version is **969696**.

A 20% lighter version of the original color is **ECACFF**, and **7A43BC** is the 20% darker color. If you saturate the color by 10%, you get **A55EF5**, and if you desaturate by 10%, it is **BF8FF5**.

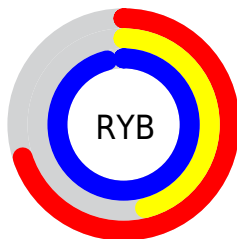
Distribution



Red (70%)

Green (46%)

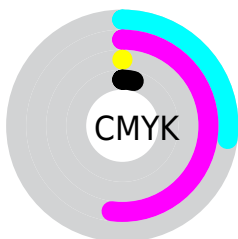
Blue (96%)



Red (70%)

Yellow (46%)

Blue (96%)

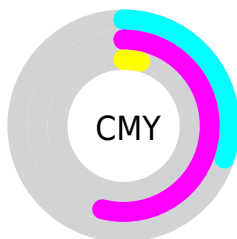


Cyan (27%)

Magenta (52%)

Yellow (0%)

Black (4%)



Cyan (30%)

Magenta (54%)

Yellow (4%)

Brightness & Saturation Gradients

These gradients show how the Hex color B276F5 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 B276F5 by changing the saturation by 10% instead.

 B276F5

 B276F5

FFFFFF

 965CD8

 ECACFF

 7A43BC

 FFC8FF

 5E2AA0

 FFE4FF

 420E86

 24006C

 030053

 00003B

 000224

 00000C

 B276F5

 B276F5

 A55EF5

 BF8FF5

 9845F5

 CCA7F5

 8B2CF5

 D9C0F5

 7E14F5

 E6D8F5

 7400F5

 F3F1F5

 FFFFF5

Harmonies

Analogous

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



0093FF



B276F5



F057BE

Triad

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



B276F5



D18000



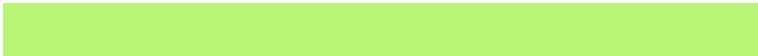
00B0A9

Complementary

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



B276F5



B9F576

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.



00AD66



B276F5



9A9700

Square

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



B276F5



F76241



51A623



00AEE6

Rectangle

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



B276F5



FF4C94



51A623



00AF93

Sweetspot

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



B276F5



E9D6FF



76BAF5



736780



000000



808080

Same Dimension

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



B276F5



AC61FF



F176F5



746E7A



5800BA



1C003B

Inverse Universe

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



F576B9



FF61B4



7AF576



7A6E75



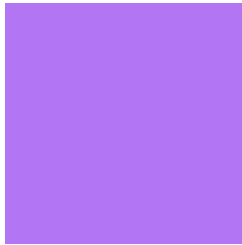
BA0062



3B001F

Previews

White Background



This preview shows how the Hex color B276F5 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

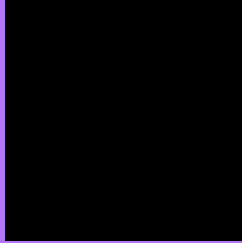
Any Text WCAG AA ✓ Pass

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 B276F5 Background



This preview shows how black text looks on a background with the Hex color B276F5.

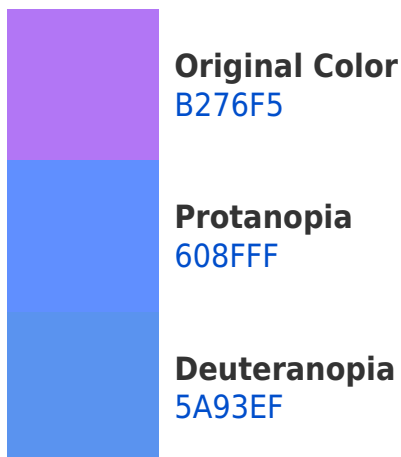



This preview shows how white text looks on a background with the Hex color B276F5.

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
A18D98

Trichromacy



Original Color
B276F5



Protanomaly
7E86FB



Deuteranomaly
7A88F1



Tritanomaly
A785BA

Monochromacy



Original Color
B276F5



Achromatopsia
969696



Achromatomaly
A08AB9

CSS Examples

Text

The CSS property to change the color of the text to Hex B276F5 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 #B276F5 looks like.

```
.text, #text, p{  
    color:#B276F5  
}
```

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 #B276F5 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B276F5
}
```

Border

The CSS property to change the border of an element to Hex B276F5 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
#B276F5 }
```

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

```
.border{ border-color:#B276F5 }
```

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

Here you see how a box with a 4 pixel #B276F5 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B276F5; -webkit-box-shadow:4px 4px  
4px 4px #B276F5; box-shadow:4px 4px 4px  
4px #B276F5 }
```

Background

The CSS property to change the background color of an element to Hex B276F5 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B276F5 }
```

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

```
.background{ background-color:#B276F5 }
```

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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