

Converting Colors

Hex(B72EA5)

Have a look what the booklet for
Hex(B72EA5) contains.

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Color

Hex(B72EA5)

Conversions

Conversions Part 1

Format	Color
Hex	B72EA5
RGB	183, 46, 165
RGB Percent	72%, 18%, 65%
CMY	0.2824, 0.8196, 0.3529
CMYK	0.00, 0.75, 0.10, 0.28
HSL	308°, 60%, 45%
HSV	308°, 75%, 72%
XYZ	27.2970, 14.7379, 37.0033
YIQ	100.5290, 43.4530, 66.0530

Conversions

Conversions Part 2

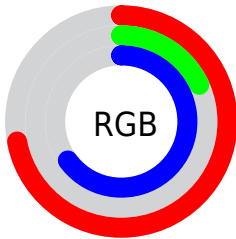
Format	Color
R_{YB}	183, 46, 165
Decimal	12005029
CIE _{Lab}	45.27, 65.78, -33.93
CIE _{LCh}	45, 74.010, 332.716
Yxy	14.7379, 0.3454, 0.1865
Android (android.graphics.Color)	4290195109 (0xFFB72EA5)
YUV	100.5290, 31.7842, 72.3271
Hunter-Lab	38.3899, 59.7390, -30.2755

Details

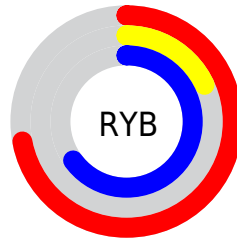
The Hex color **B72EA5** is a dark color, and the websafe version is hex **993399**. A complement of this color would be **2EB740**, and the grayscale version is **646464**.

A 20% lighter version of the original color is **F26ADC**, and **7E0071** is the 20% darker color. If you saturate the color by 10%, you get **B71CA3**, and if you desaturate by 10%, it is **B740A7**.

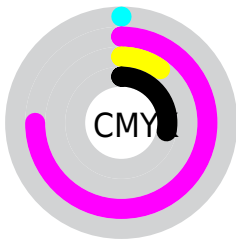
Distribution



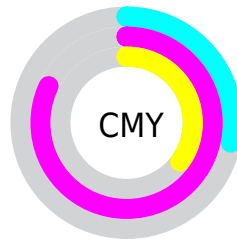
- Red (72%)
- Green (18%)
- Blue (65%)



- Red (72%)
- Yellow (18%)
- Blue (65%)



- Cyan (0%)
- Magenta (75%)
- Yellow (10%)
- Black (28%)



- Cyan (28%)
- Magenta (82%)
- Yellow (35%)

Brightness & Saturation Gradients

These gradients show how the Hex color B72EA5 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 B72EA5 by changing the saturation by 10% instead.

 B72EA5

 B72EA5

FFFFFF

 9A008A

 F26ADC

 7E0071

 FF86F9

 620058

 FFA3FF

 470040

 FFC0FF

 2D0029

 FFDDFF

 000013

 FFFBFF

 000000

 B72EA5

 B72EA5

 B71CA3

 B740A7

 B709A0

 B753AA

 B7009F

 B765AC

 B777AF

 B78AB1

 B79CB3

 B7AEB6

 B7C0B8

 B7D3BB

Harmonies

Analogous

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



6A57D5



B72EA5



D30068

Triad

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



B72EA5



7E6B00



0085AD

Complementary

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



B72EA5



2EB740

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.



00856F



B72EA5



3C7A00

Square

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



B72EA5



AE5100



00812D



0080DA

Rectangle

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



B72EA5



D21740



00812D



00859A

Sweetspot

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



B72EA5



EDB9E6



3E2EB7



785974



F7F7F7



787878

Same Dimension

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



B72EA5



ED18D1



B72E63



5C535B



9C0087



1C0018

Inverse Universe

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



B72EA5



ED18D1



2EB782



5C535B



9C0087



1C0018

Previews

White Background



This preview shows how the Hex color B72EA5 looks on a white background.

Color Contrast Check

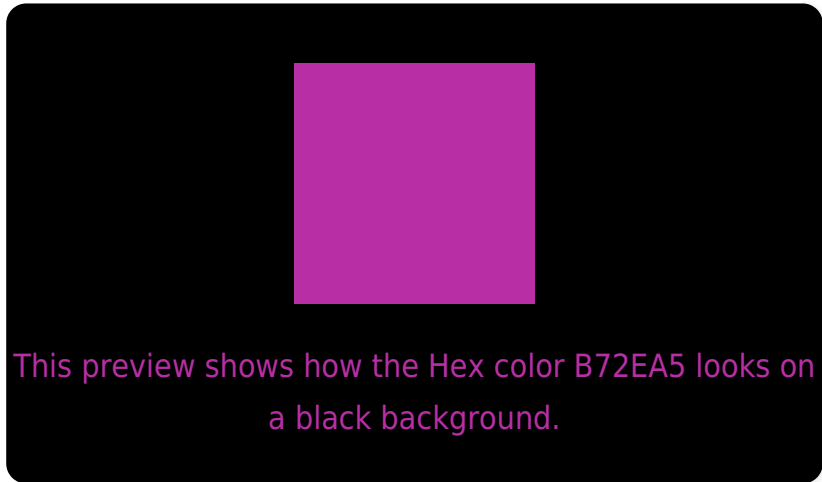
Large Text (above 18pt) WCAG AA ✓ Pass

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

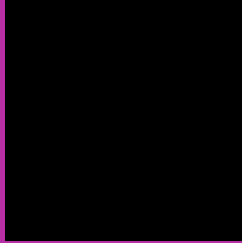
Any Text WCAG AA × Fail

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 B72EA5 Background



This preview shows how black text looks on a background with the Hex color B72EA5.

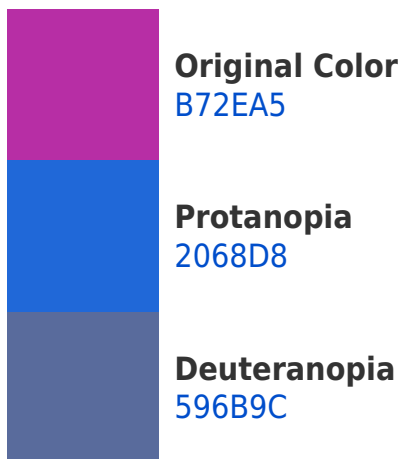


This preview shows how white text looks on a background with the Hex color B72EA5.

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](#).

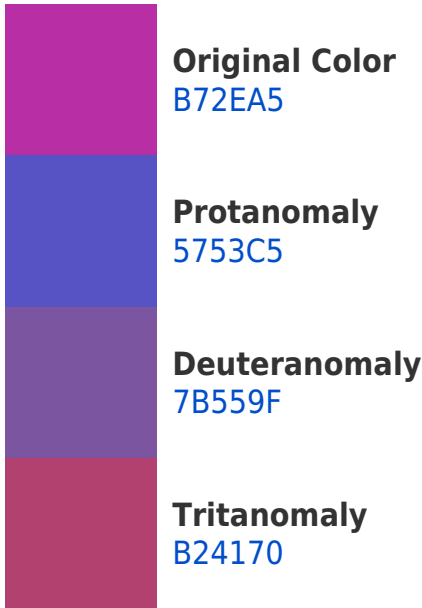
Dichromacy



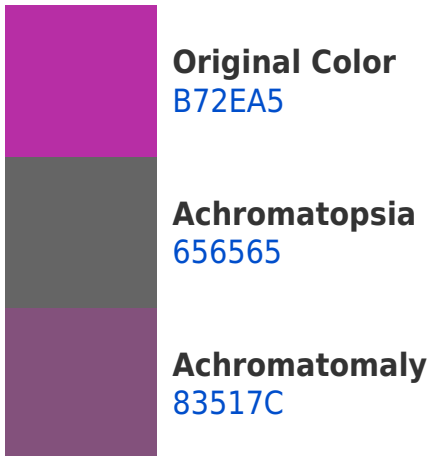


Tritanopia
AF4C51

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex B72EA5 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 #B72EA5 looks like.

```
.text, #text, p{  
    color:#B72EA5  
}
```

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 #B72EA5 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B72EA5
}
```

Border

The CSS property to change the border of an element to Hex B72EA5 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
#B72EA5 }
```

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

```
.border{ border-color:#B72EA5 }
```

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

Here you see how a box with a 4 pixel #B72EA5 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B72EA5; -webkit-box-shadow:4px 4px  
4px 4px #B72EA5; box-shadow:4px 4px 4px  
4px #B72EA5 }
```

Background

The CSS property to change the background color of an element to Hex B72EA5 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B72EA5 }
```

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

```
.background{ background-color:#B72EA5 }
```

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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