

Converting Colors

Hex(632B8B)

Have a look what the booklet for
Hex(632B8B) contains.

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Color

Hex(632B8B)

Conversions

Conversions Part 1

Format	Color
Hex	632B8B
RGB	99, 43, 139
RGB Percent	39%, 17%, 55%
CMY	0.6118, 0.8314, 0.4549
CMYK	0.29, 0.69, 0.00, 0.45
HSL	275°, 53%, 36%
HSV	275°, 69%, 55%
XYZ	10.6697, 6.2445, 25.0690
YIQ	70.6880, 2.5600, 41.7280

Conversions

Conversions Part 2

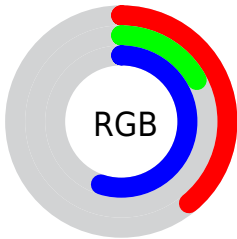
Format	Color
R_{YB}	99, 43, 139
Decimal	6499211
CIE _{Lab}	30.02, 42.83, -43.23
CIE _{LCh}	30, 60.858, 314.732
Yxy	6.2445, 0.2541, 0.1487
Android (android.graphics.Color)	4284689291 (0xFF632B8B)
YUV	70.6880, 33.6778, 24.8296
Hunter-Lab	24.9890, 32.4844, -41.9877

Details

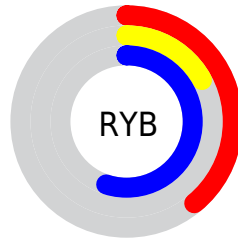
The Hex color **632B8B** is a dark color, and the websafe version is hex **663399**. A complement of this color would be **538B2B**, and the grayscale version is **464646**.

A 20% lighter version of the original color is **995DC1**, and **2F0058** is the 20% darker color. If you saturate the color by 10%, you get **5D1D8B**, and if you desaturate by 10%, it is **69398B**.

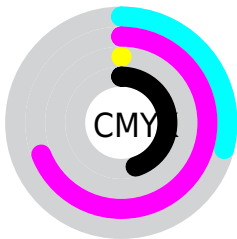
Distribution



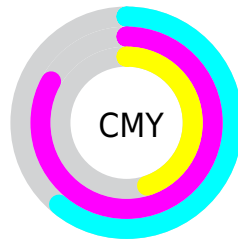
- Red (39%)
- Green (17%)
- Blue (55%)



- Red (39%)
- Yellow (17%)
- Blue (55%)



- Cyan (29%)
- Magenta (69%)
- Yellow (0%)
- Black (45%)



- Cyan (61%)
- Magenta (83%)
- Yellow (45%)

Brightness & Saturation Gradients

These gradients show how the Hex color 632B8B 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 632B8B by changing the saturation by 10% instead.

 632B8B

 632B8B

FFFFFF

 491171


 995DC1

 2F0058

 B577DD

 1A0040

 D191FA

 000329

 EEACFF

 000113

 FFC8FF

 000000

 FFE4FF

 632B8B

 632B8B

 5D1D8B

 69398B

■ 570F8B

■ 6F478B

■ 52018B

■ 74558B

■ 51008B

■ 7A638B

■ 80718B

■ 867E8B

■ 8C8C8B

■ 919A8B

■ 97A88B

Harmonies

Analogous

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



0045A4



632B8B



8C0061

Triad

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



632B8B



6B3C00



005A5E

Complementary

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



632B8B



538B2B

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.



00582C



632B8B



424C00

Square

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



632B8B



891F00



005400



005989

Rectangle

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



632B8B



960042



005400



005A4D

Sweetspot

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



632B8B



A58FB5



2B538B



52455C



DBDBDB



5C5C5C

Same Dimension

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



632B8B



761FB5



8B2B83



423E45



4D0085



030005

Inverse Universe

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



8B2B53



B51F5D



2B8B33



453E41



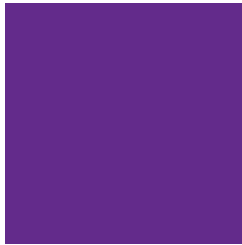
850037



050002

Previews

White Background



This preview shows how the Hex color 632B8B looks on a white background.

Color Contrast Check

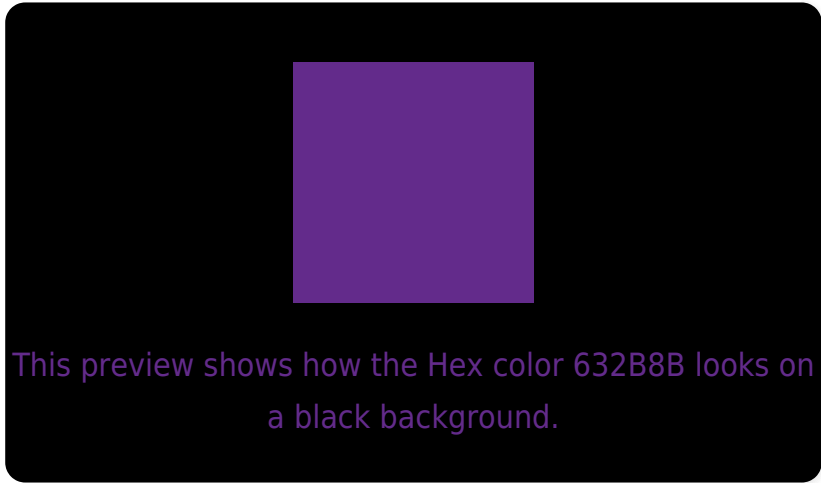
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

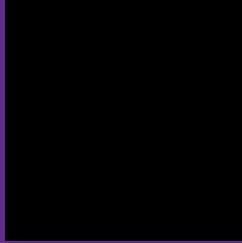
Any Text WCAG AA × Fail

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 632B8B Background



This preview shows how black text looks on a background with the Hex color 632B8B.

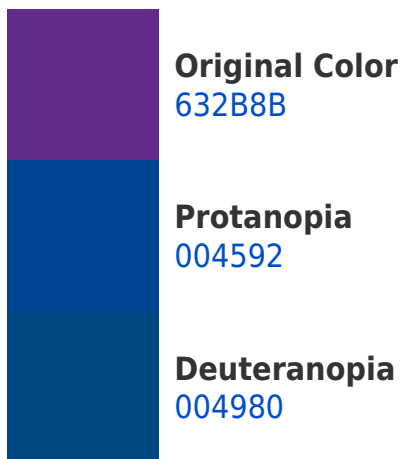


This preview shows how white text looks on a background with the Hex color 632B8B.

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
574147

Trichromacy



Original Color
632B8B



Protanomaly
243C8F



Deuteranomaly
243E84



Tritanomaly
5B3960

Monochromacy



Original Color
632B8B



Achromatopsia
474747



Achromatomaly
513D60

CSS Examples

Text

The CSS property to change the color of the text to Hex 632B8B 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 #632B8B looks like.

```
.text, #text, p{  
    color:#632B8B  
}
```

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 #632B8B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #632B8B
}
```

Border

The CSS property to change the border of an element to Hex 632B8B is called "border". The border property can be set on classes, ids or directly on the HTML element.

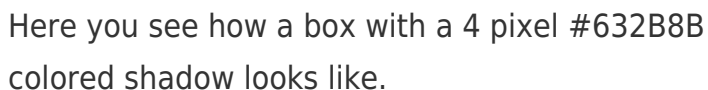
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#632B8B }
```

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

```
.border{ border-color:#632B8B }
```

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



Here you see how a box with a 4 pixel #632B8B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #632B8B; -webkit-box-shadow:4px 4px  
4px 4px #632B8B; box-shadow:4px 4px 4px  
4px #632B8B }
```

Background

The CSS property to change the background color of an element to Hex 632B8B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#632B8B }
```

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

```
.background{ background-color:#632B8B }
```

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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