

Converting Colors

Hex(6B2E8F)

Have a look what the booklet for
Hex(6B2E8F) contains.

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Color

Hex(6B2E8F)

Conversions

Conversions Part 1

Format	Color
Hex	6B2E8F
RGB	107, 46, 143
RGB Percent	42%, 18%, 56%
CMY	0.5804, 0.8196, 0.4392
CMYK	0.25, 0.68, 0.00, 0.44
HSL	278°, 51%, 37%
HSV	278°, 68%, 56%
XYZ	11.9983, 7.0630, 26.7175
YIQ	75.2970, 5.2190, 43.0990

Conversions

Conversions Part 2

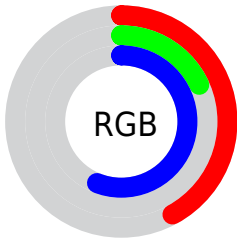
Format	Color
R_{YB}	107, 46, 143
Decimal	7024271
CIE _{Lab}	31.95, 44.14, -42.54
CIE _{LCh}	32, 61.302, 316.059
Yxy	7.0630, 0.2621, 0.1543
Android (android.graphics.Color)	4285214351 (0xFF6B2E8F)
YUV	75.2970, 33.3776, 27.8035
Hunter-Lab	26.5762, 34.0787, -41.0018

Details

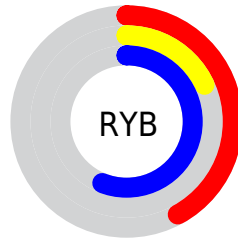
The Hex color **6B2E8F** is a dark color, and the websafe version is hex **663399**. A complement of this color would be **528F2E**, and the grayscale version is **4B4B4B**.

A 20% lighter version of the original color is **A160C5**, and **37005C** is the 20% darker color. If you saturate the color by 10%, you get **66208F**, and if you desaturate by 10%, it is **703C8F**.

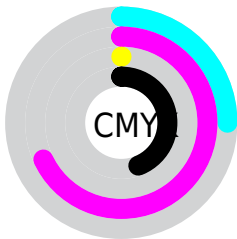
Distribution



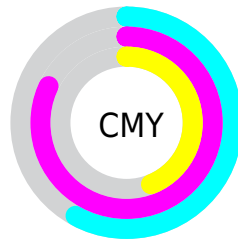
- Red (42%)
- Green (18%)
- Blue (56%)



- Red (42%)
- Yellow (18%)
- Blue (56%)



- Cyan (25%)
- Magenta (68%)
- Yellow (0%)
- Black (44%)



- Cyan (58%)
- Magenta (82%)
- Yellow (44%)

Brightness & Saturation Gradients

These gradients show how the Hex color 6B2E8F 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 6B2E8F by changing the saturation by 10% instead.

6B2E8F

6B2E8F

FFFFFF

511475

A160C5

37005C

BD7AE2

1F0044

DA95FF

00002D

F7B0FF

000117

FFCCFF

000000

FFE9FF

6B2E8F

6B2E8F

66208F

703C8F

60118F

764B8F

5B038F

7B598F

5A008F

80678F

86758F

8B848F

90928F

95A08F

9BAF8F

Harmonies

Analogous

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



0049A9



6B2E8F



930064

Triad

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



6B2E8F



6F4100



005F65

Complementary

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



6B2E8F



528F2E

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.



005E32



6B2E8F



455100

Square

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



6B2E8F



8E2501



005A00



005E90

Rectangle

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



6B2E8F



9C0044



005A00



005F54

Sweetspot

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



6B2E8F



AC95BA



2E538F



56485E



DEDEDE



5E5E5E

Same Dimension

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



6B2E8F



8223BA



8F2E84



454047



550087



050008

Inverse Universe

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



8F2E52



BA235B



2E8F39



474043



870032



080003

Previews

White Background



This preview shows how the Hex color 6B2E8F 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

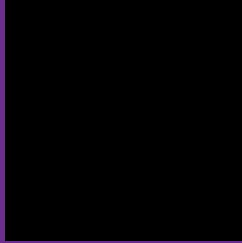
Any Text WCAG AA × Fail

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 6B2E8F Background



This preview shows how black text looks on a background with the Hex color 6B2E8F.

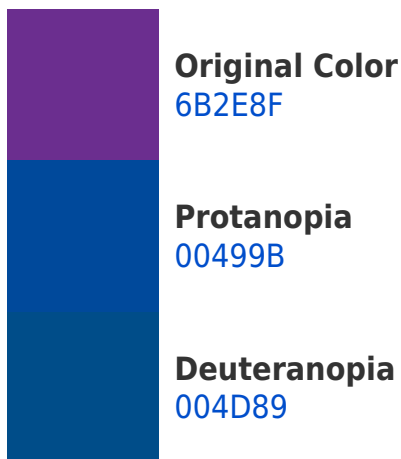



This preview shows how white text looks on a background with the Hex color 6B2E8F.

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](#).

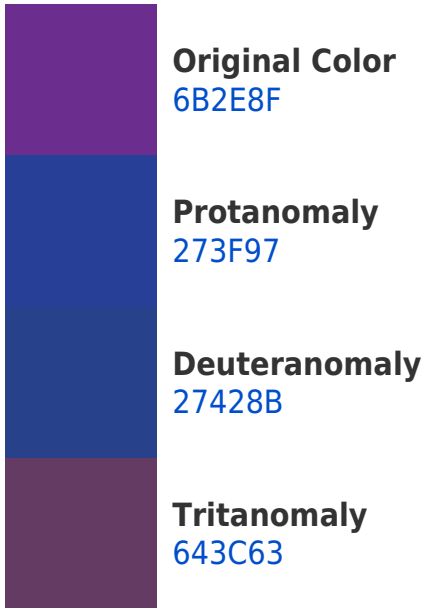
Dichromacy



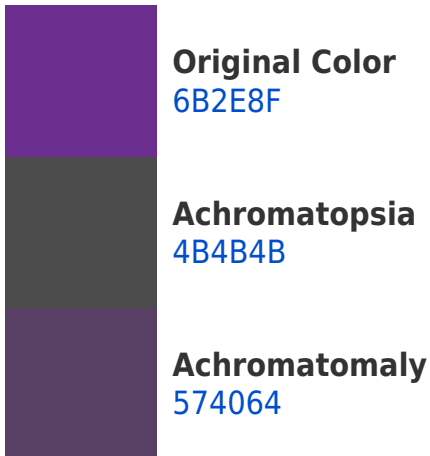


Tritanopia
60444A

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 6B2E8F 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 #6B2E8F looks like.

```
.text, #text, p{  
    color:#6B2E8F  
}
```

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 #6B2E8F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6B2E8F
}
```

Border

The CSS property to change the border of an element to Hex 6B2E8F is called "border". The border property can be set on classes, ids or directly on the HTML element.

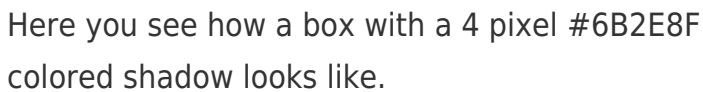
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#6B2E8F }
```

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

```
.border{ border-color:#6B2E8F }
```

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



Here you see how a box with a 4 pixel #6B2E8F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6B2E8F; -webkit-box-shadow:4px 4px  
4px 4px #6B2E8F; box-shadow:4px 4px 4px  
4px #6B2E8F }
```

Background

The CSS property to change the background color of an element to Hex 6B2E8F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6B2E8F }
```

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

```
.background{ background-color:#6B2E8F }
```

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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