

Converting Colors

Hex(6E3D98)

Have a look what the booklet for
Hex(6E3D98) contains.

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Color

Hex(6E3D98)

Conversions

Conversions Part 1

| Format | Color |
|-------------|---------------------------|
| Hex | 6E3D98 |
| RGB | 110, 61, 152 |
| RGB Percent | 43%, 24%, 60% |
| CMY | 0.5686, 0.7608, 0.4039 |
| CMYK | 0.28, 0.60, 0.00, 0.40 |
| HSL | 272°, 43%, 42% |
| HSV | 272°, 60%, 60% |
| XYZ | 13.7666, 8.9195, 30.7018 |
| YIQ | 86.0250, -0.0070, 38.6890 |

Conversions

Conversions Part 2

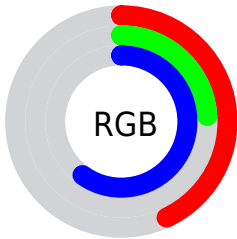
| Format | Color |
|-------------------------------------|-------------------------------|
| R_{YB} | 110, 61, 152 |
| Decimal | 7224728 |
| CIE _{Lab} | 35.83, 39.18, -41.79 |
| CIE _{LCh} | 36, 57.285, 313.157 |
| Yxy | 8.9195, 0.2579, 0.1671 |
| Android (android.graphics.Color) | 4285414808 (0xFF6E3D98) |
| YUV | 86.0250, 32.5257, 21.0261 |
| Hunter-Lab | 29.8655, 30.0158, -40.0444 |

Details

The Hex color **6E3D98** is a dark color, and the websafe version is hex **663399**. A complement of this color would be **67983D**, and the grayscale version is **565656**.

A 20% lighter version of the original color is **A46FCF**, and **3A0B64** is the 20% darker color. If you saturate the color by 10%, you get **672E98**, and if you desaturate by 10%, it is **754C98**.

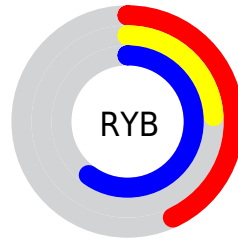
Distribution



Red (43%)

Green (24%)

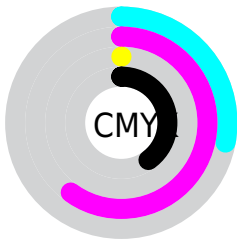
Blue (60%)



Red (43%)

Yellow (24%)

Blue (60%)

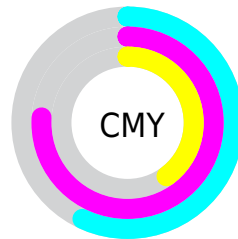


Cyan (28%)

Magenta (60%)

Yellow (0%)

Black (40%)



Cyan (57%)

Magenta (76%)

Yellow (40%)

Brightness & Saturation Gradients

These gradients show how the Hex color 6E3D98 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 6E3D98 by changing the saturation by 10% instead.

6E3D98

6E3D98

FFFFFF

54257E

A46FCF

3A0B64

C089EB

20004C

DDA4FF

020034

FABFFF

00021E

FFDBFF

000000

FFF8FF

6E3D98

6E3D98

672E98

754C98

601F98

7C5B98

590F98

836B98

520098

8A7A98

918998

989898

9FA798

A6B798

ADC698

Harmonies

Analogous

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



0053AF



6E3D98



982170

Triad

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



6E3D98



7C4800



006868

Complementary

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



6E3D98



67983D

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.



006638



6E3D98



555900

Square

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



6E3D98



983116



196200



006793

Rectangle

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



6E3D98



A31651



196200



006858

Sweetspot

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



6E3D98



B4A1C4



3D6798



594E63



E3E3E3



636363

Same Dimension

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



6E3D98



8337C4



983D95



49454D



4C008C



07000D

Inverse Universe

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



983D67



C43778



3D9840



4D4548



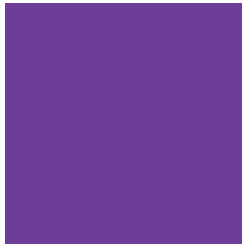
8C0041



0D0006

Previews

White Background



This preview shows how the Hex color 6E3D98 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

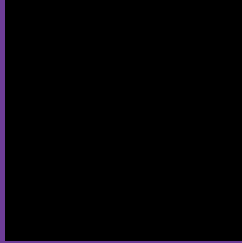
Any Text WCAG AA × Fail

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 6E3D98 Background



This preview shows how black text looks on a background with the Hex color 6E3D98.



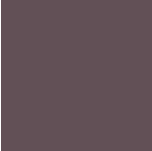
This preview shows how white text looks on a background with the Hex color 6E3D98.

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
625056

Trichromacy



Original Color
6E3D98



Protanomaly
2C4AA6



Deuteranomaly
3E4D95



Tritanomaly
66496E

Monochromacy



Original Color
6E3D98



Achromatopsia
565656



Achromatomaly
5F4D6E

CSS Examples

Text

The CSS property to change the color of the text to Hex 6E3D98 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 #6E3D98 looks like.

```
.text, #text, p{  
    color:#6E3D98  
}
```

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 #6E3D98 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6E3D98  
}
```

Border

The CSS property to change the border of an element to Hex 6E3D98 is called "border". The border property can be set on classes, ids or directly on the HTML element.

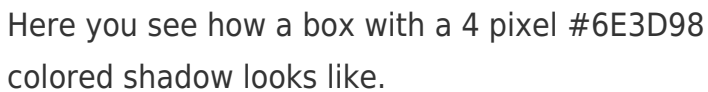
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid  
#6E3D98 }
```

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

```
.border{ border-color:#6E3D98 }
```

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



Here you see how a box with a 4 pixel #6E3D98 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6E3D98; -webkit-box-shadow:4px 4px  
4px 4px #6E3D98; box-shadow:4px 4px 4px  
4px #6E3D98 }
```

Background

The CSS property to change the background color of an element to Hex 6E3D98 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6E3D98 }
```

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

```
.background{ background-color:#6E3D98 }
```

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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