

Converting Colors

Hex(6E338A)

Have a look what the booklet for
Hex(6E338A) contains.

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Color

Hex(6E338A)

Conversions

Conversions Part 1

Format	Color
Hex	6E338A
RGB	110, 51, 138
RGB Percent	43%, 20%, 54%
CMY	0.5686, 0.8000, 0.4588
CMYK	0.20, 0.63, 0.00, 0.46
HSL	281°, 46%, 37%
HSV	281°, 63%, 54%
XYZ	12.2017, 7.5176, 24.8527
YIQ	78.5590, 7.2370, 39.5650

Conversions

Conversions Part 2

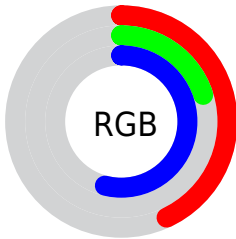
Format	Color
R_{YB}	110, 51, 138
Decimal	7222154
CIE _{Lab}	32.96, 41.21, -37.82
CIE _{LCh}	33, 55.930, 317.456
Yxy	7.5176, 0.2738, 0.1687
Android (android.graphics.Color)	4285412234 (0xFF6E338A)
YUV	78.5590, 29.3044, 27.5738
Hunter-Lab	27.4183, 31.4540, -34.5493

Details

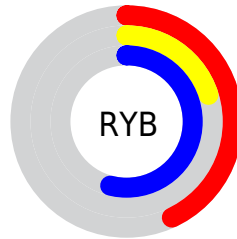
The Hex color **6E338A** is a dark color, and the websafe version is hex **663399**. A complement of this color would be **4F8A33**, and the grayscale version is **4E4E4E**.

A 20% lighter version of the original color is **A465C0**, and **3A0057** is the 20% darker color. If you saturate the color by 10%, you get **6A258A**, and if you desaturate by 10%, it is **72418A**.

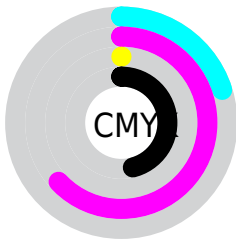
Distribution



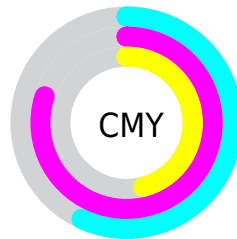
- Red (43%)
- Green (20%)
- Blue (54%)



- Red (43%)
- Yellow (20%)
- Blue (54%)



- Cyan (20%)
- Magenta (63%)
- Yellow (0%)
- Black (46%)



- Cyan (57%)
- Magenta (80%)
- Yellow (46%)

Brightness & Saturation Gradients

These gradients show how the Hex color 6E338A 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 6E338A by changing the saturation by 10% instead.

6E338A

6E338A

FFFFFF

541A70

A465C0

3A0057

C07FDC

230040

DC9AF9

000029

FAB5FF

000112

FFD1FF

000000

FFEEFF

6E338A

6E338A

6A258A

72418A

65178A

774F8A

610A8A

7B5C8A

5E008A

806A8A

84788A

89868A

8D948A

92A18A

96AF8A

Harmonies

Analogous

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



004AA3



6E338A



911662

Triad

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



6E338A



6F4500



006067

Complementary

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



6E338A



4F8A33

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.



005F39



6E338A



475300

Square

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



6E338A



8B2F09



005B04



005F8E

Rectangle

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



6E338A



990D45



005B04



006058

Sweetspot

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



6E338A



A891B3



33508A



534559



D9D9D9



595959

Same Dimension

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



6E338A



872BB3



8A337B



433E45



5A0085



030005

Inverse Universe

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



8A334F



B32B57



338A42



453E40



85002B



050002

Previews

White Background



This preview shows how the Hex color 6E338A 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

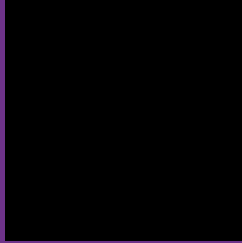
Any Text WCAG AA × Fail

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 6E338A Background



This preview shows how black text looks on a background with the Hex color 6E338A.

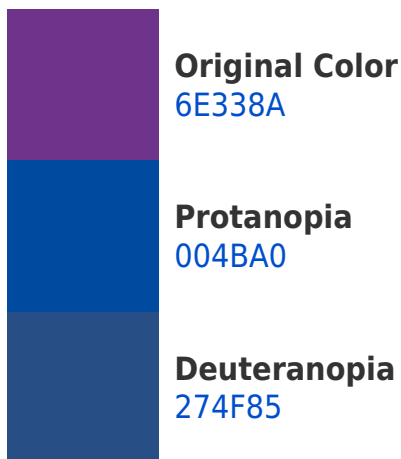


This preview shows how white text looks on a background with the Hex color 6E338A.

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
64464B

Trichromacy



Original Color
6E338A



Protanomaly
284298



Deuteranomaly
414587



Tritanomaly
683F62

Monochromacy



Original Color
6E338A



Achromatopsia
4F4F4F



Achromatomaly
5A4564

CSS Examples

Text

The CSS property to change the color of the text to Hex 6E338A 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 #6E338A looks like.

```
.text, #text, p{  
    color:#6E338A  
}
```

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 #6E338A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6E338A
}
```

Border

The CSS property to change the border of an element to Hex 6E338A is called "border". The border property can be set on classes, ids or directly on the HTML element.

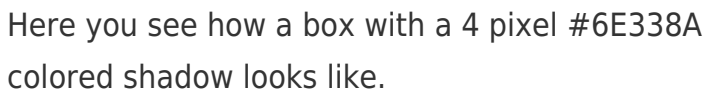
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#6E338A }
```

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

```
.border{ border-color:#6E338A }
```

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



Here you see how a box with a 4 pixel #6E338A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6E338A; -webkit-box-shadow:4px 4px  
4px 4px #6E338A; box-shadow:4px 4px 4px  
4px #6E338A }
```

Background

The CSS property to change the background color of an element to Hex 6E338A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6E338A }
```

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

```
.background{ background-color:#6E338A }
```

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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