

Converting Colors

Hex(6E4686)

Have a look what the booklet for
Hex(6E4686) contains.

Hex(6E4686)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(6E4686)

Conversions

Conversions Part 1

Format	Color
Hex	6E4686
RGB	110, 70, 134
RGB Percent	43%, 27%, 53%
CMY	0.5686, 0.7255, 0.4745
CMYK	0.18, 0.48, 0.00, 0.47
HSL	278°, 31%, 40%
HSV	278°, 48%, 53%
XYZ	12.9236, 9.4165, 23.6907
YIQ	89.2560, 3.2960, 28.3840

Conversions

Conversions Part 2

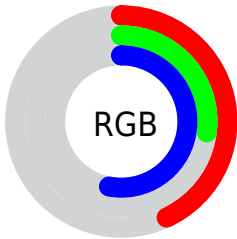
Format	Color
R_{YB}	110, 70, 134
Decimal	7227014
CIE _{Lab}	36.77, 29.63, -29.30
CIE _{LCh}	37, 41.675, 315.324
Yxy	9.4165, 0.2808, 0.2046
Android (android.graphics.Color)	4285417094 (0xFF6E4686)
YUV	89.2560, 22.0588, 18.1925
Hunter-Lab	30.6864, 21.4745, -24.2929

Details

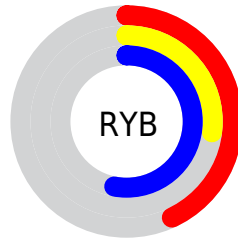
The Hex color **6E4686** is a dark color, and the websafe version is hex **663366**. A complement of this color would be **5E8646**, and the grayscale version is **595959**.

A 20% lighter version of the original color is **A377BC**, and **3C1854** is the 20% darker color. If you saturate the color by 10%, you get **693986**, and if you desaturate by 10%, it is **735386**.

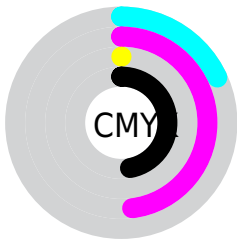
Distribution



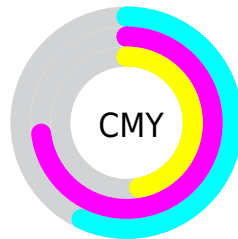
- Red (43%)
- Green (27%)
- Blue (53%)



- Red (43%)
- Yellow (27%)
- Blue (53%)



- Cyan (18%)
- Magenta (48%)
- Yellow (0%)
- Black (47%)



- Cyan (57%)
- Magenta (73%)
- Yellow (47%)

Brightness & Saturation Gradients

These gradients show how the Hex color 6E4686 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 6E4686 by changing the saturation by 10% instead.

6E4686

6E4686

FFFFFF

552F6C

A377BC

3C1854

BE91D7

24023C

DBACF4

0B0026

F8C8FF

00010F

FFE4FF

000000

6E4686

6E4686

693986

735386

642B86

786186

5F1E86

7D6E86

5A1086

827C86

550386

878986

540086

8C9686

91A486

96B186

9BBF86

Harmonies

Analogous

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



365497



6E4686



8B3968

Triad

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



6E4686



754F10



006667

Complementary

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



6E4686



5E8646

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.



006544



6E4686



575A0D

Square

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



6E4686



8B4128



306224



006586

Rectangle

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



6E4686



933652



306224



00665C

Sweetspot

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



6E4686



A495AD



465F86



514857



D6D6D6



575757

Same Dimension

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



6E4686



884BAD



86467F



403C42



510082



020003

Inverse Universe

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



86465E



AD4B70



46864D



423C3E



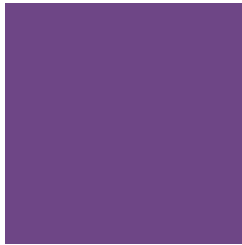
820031



030001

Previews

White Background



This preview shows how the Hex color 6E4686 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

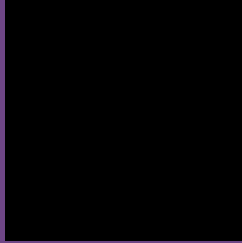
Any Text WCAG AA × Fail

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 6E4686 Background



This preview shows how black text looks on a background with the Hex color 6E4686.



This preview shows how white text looks on a background with the Hex color 6E4686.

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



Original Color
6E4686

Protanopia
3C5593

Deuteranopia
425683



Tritanopia
675157

Trichromacy



Original Color
6E4686

Protanomaly
4E508E

Deuteranomaly
525084

Tritanomaly
6A4D68

Monochromacy



Original Color
6E4686

Achromatopsia
595959

Achromatomaly
615269

CSS Examples

Text

The CSS property to change the color of the text to Hex 6E4686 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 #6E4686 looks like.

```
.text, #text, p{  
    color:#6E4686  
}
```

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 #6E4686 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6E4686
}
```

Border

The CSS property to change the border of an element to Hex 6E4686 is called "border". The border property can be set on classes, ids or directly on the HTML element.

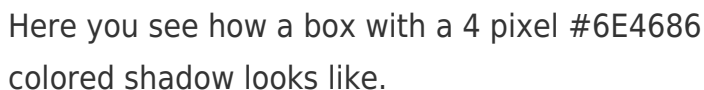
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#6E4686 }
```

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

```
.border{ border-color:#6E4686 }
```

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



Here you see how a box with a 4 pixel #6E4686 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6E4686; -webkit-box-shadow:4px 4px  
4px 4px #6E4686; box-shadow:4px 4px 4px  
4px #6E4686 }
```

Background

The CSS property to change the background color of an element to Hex 6E4686 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6E4686 }
```

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

```
.background{ background-color:#6E4686 }
```

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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