

Converting Colors

Hex(6E8400)

Have a look what the booklet for
Hex(6E8400) contains.

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Color

Hex(6E8400)

Conversions

Conversions Part 1

Format	Color
Hex	6E8400
RGB	110, 132, 0
RGB Percent	43%, 52%, 0%
CMY	0.5686, 0.4824, 1.0000
CMYK	0.17, 0.00, 1.00, 0.48
HSL	70°, 100%, 26%
HSV	70°, 100%, 52%
XYZ	14.6817, 19.8175, 3.0514
YIQ	110.3740, 29.2600, -45.7160

Conversions

Conversions Part 2

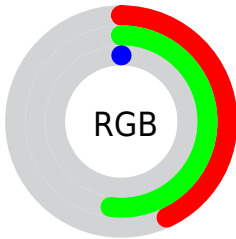
Format	Color
RYB	0, 132, 22
Decimal	7242752
CIELab	51.63, -23.23, 55.85
CIELCh	52, 60.494, 112.585
Yxy	19.8175, 0.3910, 0.5278
Android (android.graphics.Color)	4285432832 (0xFF6E8400)
YUV	110.3740, -54.4144, -0.3280
Hunter-Lab	44.5169, -19.0352, 27.0978

Details

The Hex color **6E8400** is a dark color, and the websafe version is hex **999933**. A complement of this color would be **160084**, and the grayscale version is **6F6F6F**.

A 20% lighter version of the original color is **A5B942**, and **3A5200** is the 20% darker color. If you saturate the color by 10%, you get **6E8400**, and if you desaturate by 10%, it is **70840D**.

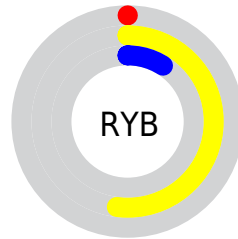
Distribution



Red (43%)

Green (52%)

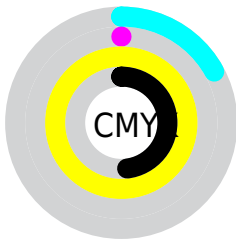
Blue (0%)



Red (0%)

Yellow (52%)

Blue (9%)

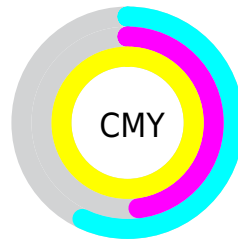


Cyan (17%)

Magenta (0%)

Yellow (100%)

Black (48%)



Cyan (57%)

Magenta (48%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the Hex color 6E8400 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 6E8400 by changing the saturation by 10% instead.

 6E8400

 6E8400

FFFFFF

 536B00

 A5B942

 3A5200

 C1D55D

 1F3B00

 DEF178

 022600

 FCFF93

 000B00

 FFFF9F

 000000

 FFFF9F

FFFFFFCB

 FFFF9F

FFFFFFE8

 6E8400

 70840D

 72841A

 758428

 778435

 798442

 7B844F

 7D845C

 80846A

 828477

Harmonies

Analogous

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



9E7400



6E8400



238D38

Triad

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



6E8400



008FCD



D1478A

Complementary

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



6E8400



160084

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.



AD5BBB



6E8400



0085E2

Square

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



6E8400



0093A1



5F73DB



D64957

Rectangle

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



6E8400



00915A



5F73DB



C84C9B

Sweetspot

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



6E8400



A2AB78



841600



515737



D6D6D6



575757

Same Dimension

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



6E8400



8EAB00



2C8400



41423C



6C8200



020300

Inverse Universe

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



160084



1C00AB



580084



3D3C42



160082



000003

Previews

White Background



This preview shows how the Hex color 6E8400 looks on a white background.

Color Contrast Check

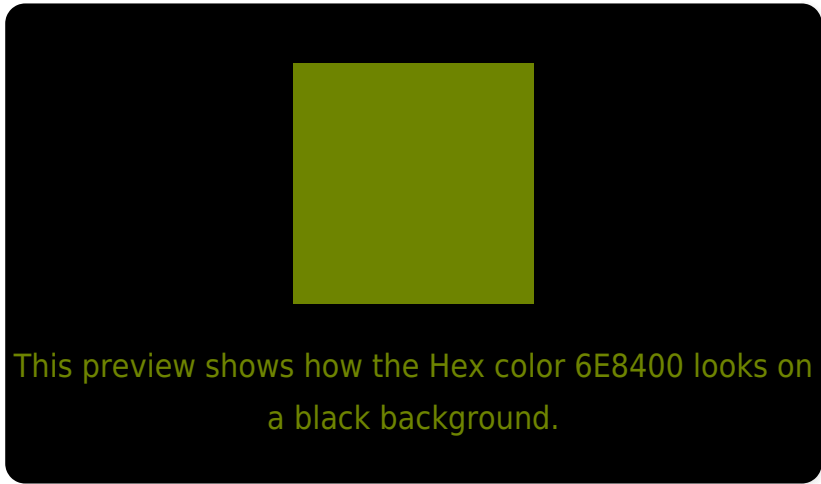
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black 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 × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Hex 6E8400 Background



This preview shows how black text looks on a background with the Hex color 6E8400.



This preview shows how white text looks on a background with the Hex color 6E8400.

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
6E8400

Protanopia
8B7B00

Deuteranopia
9B7517



Tritanopia
797B84

Trichromacy



Original Color
6E8400

Protanomaly
807E00

Deuteranomaly
8B7A0F

Tritanomaly
757E54

Monochromacy



Original Color
6E8400

Achromatopsia
6E6E6E

Achromatomaly
6E7646

CSS Examples

Text

The CSS property to change the color of the text to Hex 6E8400 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 #6E8400 looks like.

```
.text, #text, p{  
    color:#6E8400  
}
```

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 #6E8400 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6E8400
}
```

Border

The CSS property to change the border of an element to Hex 6E8400 is called "border". The border property can be set on classes, ids or directly on the HTML element.

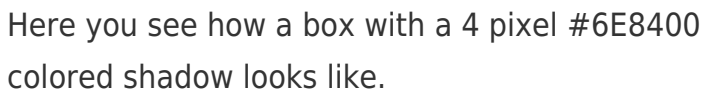
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#6E8400 }
```

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

```
.border{ border-color:#6E8400 }
```

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



Here you see how a box with a 4 pixel #6E8400 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6E8400; -webkit-box-shadow:4px 4px  
4px 4px #6E8400; box-shadow:4px 4px 4px  
4px #6E8400 }
```

Background

The CSS property to change the background color of an element to Hex 6E8400 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6E8400 }
```

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

```
.background{ background-color:#6E8400 }
```

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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