

# Converting Colors

Hex(6E7100)

Have a look what the booklet for  
Hex(6E7100) contains.

<b>Hex(6E7100)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	11
<b><i>Previews</i></b> .....	23
<b><i>Color Blindness Simulation</i></b> .....	26
<b><i>CSS Examples</i></b> .....	29

**Color**

**Hex(6E7100)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	6E7100
RGB	110, 113, 0
RGB Percent	43%, 44%, 0%
CMY	0.5686, 0.5569, 1.0000
CMYK	0.03, 0.00, 1.00, 0.56
HSL	62°, 100%, 22%
HSV	62°, 100%, 44%
XYZ	12.3355, 15.1253, 2.2693
YIQ	99.2210, 34.4850, -35.7790

# Conversions

## Conversions Part 2

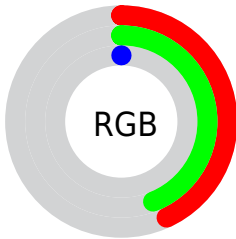
<b>Format</b>	<b>Color</b>
<b>RYB</b>	0, 113, 3
Decimal	7237888
CIELab	45.81, -13.25, 51.52
CIELCh	46, 53.198, 104.425
Yxy	15.1253, 0.4149, 0.5088
Android (android.graphics.Color)	4285427968 (0xFF6E7100)
YUV	99.2210, -48.9160, 9.4532
Hunter-Lab	38.8912, -11.4428, 23.7642

# Details

The Hex color **6E7100** is a dark color, and the websafe version is hex **666600**. A complement of this color would be **030071**, and the grayscale version is **646464**.

A 20% lighter version of the original color is **A5A53E**, and **3A4100** is the 20% darker color. If you saturate the color by 10%, you get **6E7100**, and if you desaturate by 10%, it is **6E710B**.

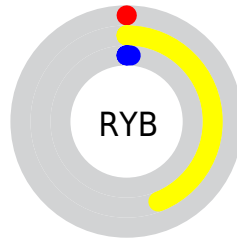
# Distribution



Red (43%)

Green (44%)

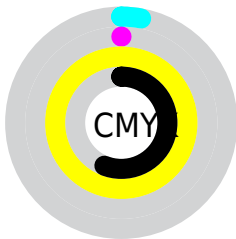
Blue (0%)



Red (0%)

Yellow (44%)

Blue (1%)

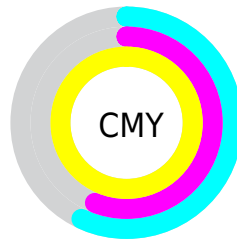


Cyan (3%)

Magenta (0%)

Yellow (100%)

Black (56%)



Cyan (57%)

Magenta (56%)

Yellow (100%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 6E7100 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 6E7100 by changing the saturation by 10% instead.



 6E7100

 6E7100

FFFFFFE

 545900

 A5A53E

 3A4100

 C1C058

 212C00

 DEDB72

 001800

 FBF88D

 000000

 FFFFA8

 FFFFC4

 FFFFE1

 6E7100

 6E710B

 6F7117

 6F7122


 6F712D

 707139

 707144

 70714F

 70715A

 717166

# Harmonies

## Analogous

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



956209



6E7100



3A7B27

# Triad

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



6E7100



007FAA



B14486

# Complementary

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



6E7100



030071

# 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.



8A57AD



6E7100



0078C2

# Square

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



6E7100



008181



376AC3



BC4059

# Rectangle

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



6E7100



007E44



376AC3



A74994



# Sweetspot

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



6E7100



939468



710200



494A2F



C9C9C9



4A4A4A



# Same Dimension

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



6E7100



909400



377100



383832



757800



F1F700



# Inverse Universe

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



030071



040094



3A0071



333238



030078



0700F7



# Previews

## White Background



This preview shows how the Hex color 6E7100 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 × Fail

# Black 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

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



## Hex 6E7100 Background



This preview shows how black text looks on a background with the Hex color 6E7100.



This preview shows how white text looks on a background with the Hex color 6E7100.

# 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**  
6E7100

**Protanopia**  
7A6D00

**Deuteranopia**  
896712



**Tritanopia**  
766971

# Trichromacy



**Original Color**  
6E7100

**Protanomaly**  
766E00

**Deuteranomaly**  
7F6B0B

**Tritanomaly**  
736C48

# Monochromacy



**Original Color**  
6E7100

**Achromatopsia**  
636363

**Achromatomaly**  
67683F

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 6E7100 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 #6E7100 looks like.

```
.text, #text, p{  
    color:#6E7100  
}
```

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 #6E7100 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6E7100
}
```

## Border

The CSS property to change the border of an element to Hex 6E7100 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
#6E7100 }
```

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

```
.border{ border-color:#6E7100 }
```

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

Here you see how a box with a 4 pixel #6E7100 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6E7100; -webkit-box-shadow:4px 4px  
4px 4px #6E7100; box-shadow:4px 4px 4px  
4px #6E7100 }
```

# Background

The CSS property to change the background color of an element to Hex 6E7100 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6E7100 }
```

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

```
.background{ background-color:#6E7100 }
```

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](#).



Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

**[Learn more, Memberships starting at \\$2.50/m!](#)**

**Follow me  
on Twitter!**

@ConvertingColor