

Converting Colors

Hex(6E4166)

Have a look what the booklet for
Hex(6E4166) contains.

Hex(6E4166)	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(6E4166)

Conversions

Conversions Part 1

Format	Color
Hex	6E4166
RGB	110, 65, 102
RGB Percent	43%, 25%, 40%
CMY	0.5686, 0.7451, 0.6000
CMYK	0.00, 0.41, 0.07, 0.57
HSL	311°, 26%, 34%
HSV	311°, 41%, 43%
XYZ	10.7190, 8.0549, 13.5602
YIQ	82.6730, 14.9430, 21.0470

Conversions

Conversions Part 2

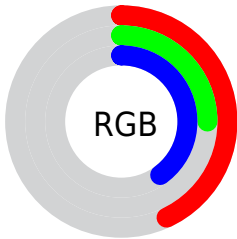
Format	Color
R_{YB}	110, 65, 102
Decimal	7225702
CIE _{Lab}	34.10, 25.63, -13.50
CIE _{LCh}	34, 28.973, 332.222
Yxy	8.0549, 0.3315, 0.2491
Android (android.graphics.Color)	4285415782 (0xFF6E4166)
YUV	82.6730, 9.5282, 23.9658
Hunter-Lab	28.3812, 17.7488, -8.4612

Details

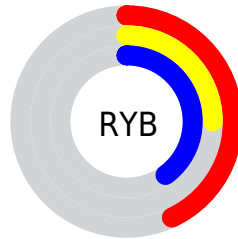
The Hex color **6E4166** is a dark color, and the websafe version is hex **663366**. A complement of this color would be **416E49**, and the grayscale version is **535353**.

A 20% lighter version of the original color is **A37299**, and **3D1337** is the 20% darker color. If you saturate the color by 10%, you get **6E3664**, and if you desaturate by 10%, it is **6E4C68**.

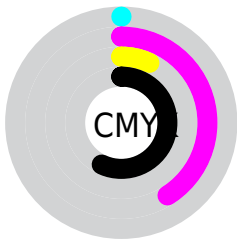
Distribution



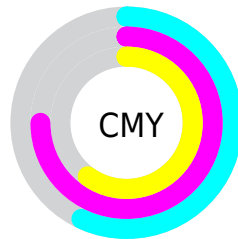
- Red (43%)
- Green (25%)
- Blue (40%)



- Red (43%)
- Yellow (25%)
- Blue (40%)



- Cyan (0%)
- Magenta (41%)
- Yellow (7%)
- Black (57%)



- Cyan (57%)
- Magenta (75%)
- Yellow (60%)

Brightness & Saturation Gradients

These gradients show how the Hex color 6E4166 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 6E4166 by changing the saturation by 10% instead.

 6E4166

 6E4166

FFFFFF

 552A4E

 A37299

 3D1337

 BE8CB4

 270022

 DAA6CF

 000008

 F7C2EC

 000000

 FFDEFF

 FFFBFF

 6E4166

 6E4166

 6E3664

 6E4C68

6E2B62

6E576A

6E2060

6E626C

6E155E

6E6D6E

6E0A5C

6E7870

6E005A

6E8372

6E8E74

6E9976

6EA478

Harmonies

Analogous

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



544977



6E4166



7A3D4F

Triad

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



6E4166



5C4F21



005B68

Complementary

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



6E4166



416E49

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.



005C51



6E4166



455628

Square

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



6E4166



6F4728



265A3A



005878

Rectangle

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



6E4166



7B3E40



265A3A



005C61

Sweetspot

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



6E4166



8F7E8C



48416E



473D46



C7C7C7



474747

Same Dimension

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



6E4166



8F4982



6E4150



383237



780063



F700CB

Inverse Universe

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



6E4166



8F4982



416E5F



383237



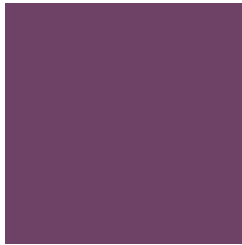
780063



F700CB

Previews

White Background



This preview shows how the Hex color 6E4166 looks on a white background.

Color Contrast Check

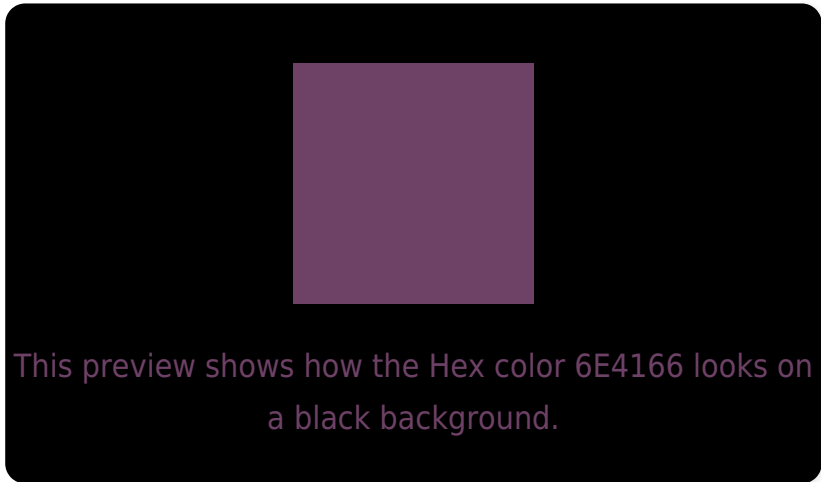
Large Text (above 18pt) WCAG AA ✓ Pass

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

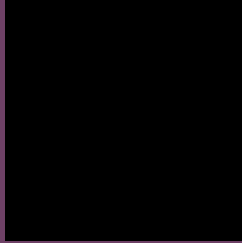
Any Text WCAG AA × Fail

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 6E4166 Background



This preview shows how black text looks on a background with the Hex color 6E4166.



This preview shows how white text looks on a background with the Hex color 6E4166.

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
6E4166

Protanopia
464F71

Deuteranopia
4F4F63



Tritanopia
6B464C

Trichromacy



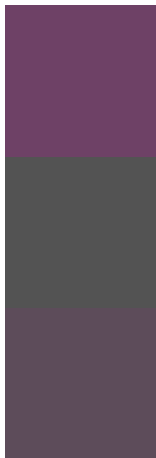
Original Color
6E4166

Protanomaly
554A6D

Deuteranomaly
5A4A64

Tritanomaly
6C4455

Monochromacy



Original Color
6E4166

Achromatopsia
535353

Achromatomaly
5D4C5A

CSS Examples

Text

The CSS property to change the color of the text to Hex 6E4166 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 #6E4166 looks like.

```
.text, #text, p{  
    color:#6E4166  
}
```

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 #6E4166 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6E4166  
}
```

Border

The CSS property to change the border of an element to Hex 6E4166 is called "border". The border property can be set on classes, ids or directly on the HTML element.

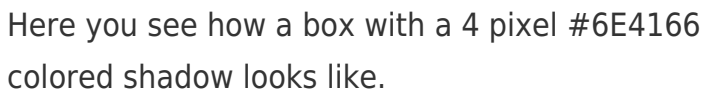
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid  
#6E4166 }
```

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

```
.border{ border-color:#6E4166 }
```

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



Here you see how a box with a 4 pixel #6E4166 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6E4166; -webkit-box-shadow:4px 4px  
4px 4px #6E4166; box-shadow:4px 4px 4px  
4px #6E4166 }
```

Background

The CSS property to change the background color of an element to Hex 6E4166 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6E4166 }
```

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

```
.background{ background-color:#6E4166 }
```

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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