

# Converting Colors

Hex(6E4152)

Have a look what the booklet for  
Hex(6E4152) contains.

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# Color

**Hex(6E4152)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	6E4152
RGB	110, 65, 82
RGB Percent	43%, 25%, 32%
CMY	0.5686, 0.7451, 0.6784
CMYK	0.00, 0.41, 0.25, 0.57
HSL	337°, 26%, 34%
HSV	337°, 41%, 43%
XYZ	9.8437, 7.7048, 8.9510
YIQ	80.3930, 21.3630, 14.8270

# Conversions

## Conversions Part 2

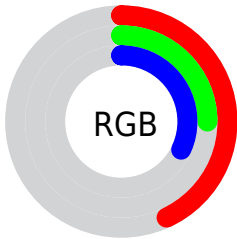
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	110, 65, 82
Decimal	7225682
CIE Lab	33.36, 22.05, -1.86
CIE LCh	33, 22.125, 355.181
Yxy	7.7048, 0.3715, 0.2908
Android (android.graphics.Color)	4285415762 (0xFF6E4152)
YUV	80.3930, 0.7923, 25.9653
Hunter-Lab	27.7575, 14.7262, 0.3109

# Details

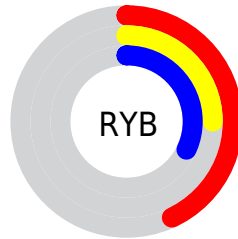
The Hex color **6E4152** is a dark color, and the websafe version is hex **663333**. A complement of this color would be **416E5D**, and the grayscale version is **505050**.

A 20% lighter version of the original color is **A37283**, and **3D1425** is the 20% darker color. If you saturate the color by 10%, you get **6E364B**, and if you desaturate by 10%, it is **6E4C59**.

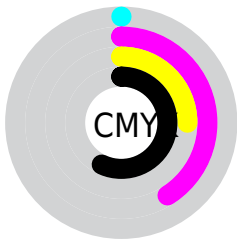
# Distribution



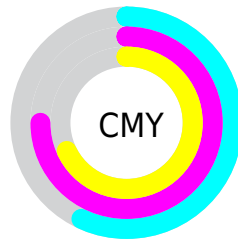
- Red (43%)
- Green (25%)
- Blue (32%)



- Red (43%)
- Yellow (25%)
- Blue (32%)



- Cyan (0%)
- Magenta (41%)
- Yellow (25%)
- Black (57%)



- Cyan (57%)
- Magenta (75%)
- Yellow (68%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 6E4152 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 6E4152 by changing the saturation by 10% instead.



6E4152

6E4152

FFFFFF

552A3B

A37283

3D1425

BE8B9D

270011

DAA6B8

000000

F7C1D4

FFDDF0

FFFAFF

6E4152

6E4152

6E364B

6E4C59

 6E2B44

 6E5760

 6E203D

 6E6267

 6E1537

 6E6D6D

 6E0A30

 6E7874

 6E002A

 6E837B

 6E8E82

 6E9989

 6EA490

# Harmonies

## Analogous

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



624563



6E4152



704240

# Triad

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



6E4152



4B522E



0E556B

# Complementary

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



6E4152



416E5D

# 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.



02585D



6E4152



36563A

# Square

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



6E4152



5C4C2B



1E584B



305171

# Rectangle

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



6E4152



6D4536



1E584B



035667



# Sweetspot

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



6E4152



8F7E84



5D416E



473D41



C7C7C7



474747



# Same Dimension

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



6E4152



8F4963



6E4641



383235



78002D



F7005D



# Inverse Universe

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



6E4152



8F4963



41696E



383235



78002D

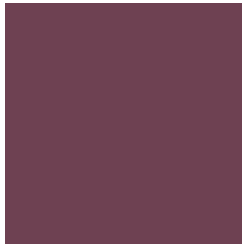


F7005D



# Previews

## White Background



This preview shows how the Hex color 6E4152 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

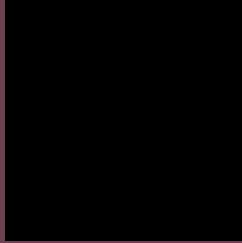
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 6E4152 Background



This preview shows how black text looks on a background with the Hex color 6E4152.



This preview shows how white text looks on a background with the Hex color 6E4152.

# 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**  
6E4152

**Protanopia**  
4D4E5A

**Deuteranopia**  
564C50



**Tritanopia**  
6D4348

# Trichromacy



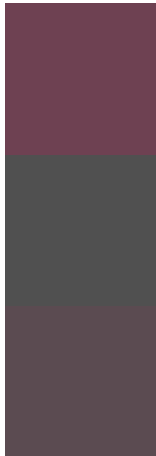
**Original Color**  
6E4152

**Protanomaly**  
594957

**Deuteranomaly**  
5F4851

**Tritanomaly**  
6D424C

# Monochromacy



**Original Color**  
6E4152

**Achromatopsia**  
505050

**Achromatomaly**  
5B4B51

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 6E4152 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 #6E4152 looks like.

```
.text, #text, p{  
    color:#6E4152  
}
```

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 #6E4152 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6E4152
}
```

## Border

The CSS property to change the border of an element to Hex 6E4152 is called "border". The border property can be set on classes, ids or directly on the HTML element.

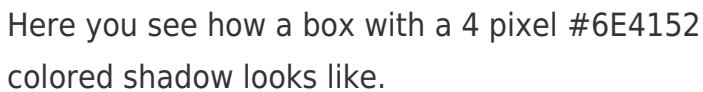
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#6E4152 }
```

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

```
.border{ border-color:#6E4152 }
```

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



Here you see how a box with a 4 pixel #6E4152 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6E4152; -webkit-box-shadow:4px 4px  
4px 4px #6E4152; box-shadow:4px 4px 4px  
4px #6E4152 }
```

# Background

The CSS property to change the background color of an element to Hex 6E4152 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6E4152 }
```

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

```
.background{ background-color:#6E4152 }
```

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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