

# Converting Colors

Hex(6E4569)

Have a look what the booklet for  
Hex(6E4569) contains.

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# Color

**Hex(6E4569)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	6E4569
RGB	110, 69, 105
RGB Percent	43%, 27%, 41%
CMY	0.5686, 0.7294, 0.5882
CMYK	0.00, 0.37, 0.05, 0.57
HSL	307°, 23%, 35%
HSV	307°, 37%, 43%
XYZ	11.1083, 8.5912, 14.4374
YIQ	85.3630, 12.8800, 19.8880

# Conversions

## Conversions Part 2

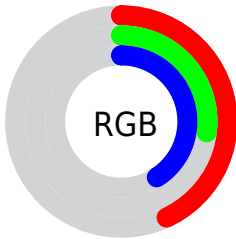
Format	Color
R <sub>Y</sub> B	110, 69, 105
Decimal	7226729
CIE Lab	35.18, 23.83, -13.74
CIE LCh	35, 27.510, 330.045
Yxy	8.5912, 0.3254, 0.2517
Android (android.graphics.Color)	4285416809 (0xFF6E4569)
YUV	85.3630, 9.6810, 21.6066
Hunter-Lab	29.3107, 16.3553, -8.6866

# Details

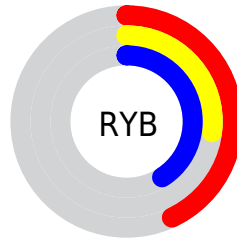
The Hex color **6E4569** is a dark color, and the websafe version is hex **663366**. A complement of this color would be **456E4A**, and the grayscale version is **555555**.

A 20% lighter version of the original color is **A2769C**, and **3D183A** is the 20% darker color. If you saturate the color by 10%, you get **6E3A68**, and if you desaturate by 10%, it is **6E506A**.

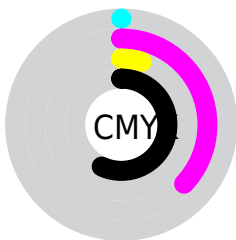
# Distribution



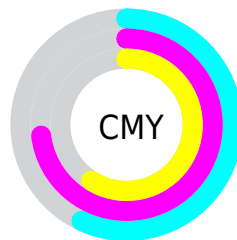
- Red (43%)
- Green (27%)
- Blue (41%)



- Red (43%)
- Yellow (27%)
- Blue (41%)



- Cyan (0%)
- Magenta (37%)
- Yellow (5%)
- Black (57%)



- Cyan (57%)
- Magenta (73%)
- Yellow (59%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 6E4569 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 6E4569 by changing the saturation by 10% instead.





6E4569



6E4569

FFFFFF



552E51



A2769C



3D183A



BE90B7



270124



DAABD3



02000D



F6C6EF



000000



FFE2FF



6E4569



6E4569



6E3A68



6E506A



6E2F66



6E5B6C

6E2465

6E666D

6E1964

6E716E

6E0E62

6E7C70

6E0361

6E8771

6E0061

6E9272

6E9D74

6EA875

# Harmonies

## Analogous

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



554D79



6E4569



7B4154

# Triad

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



6E4569



605126



005E68

# Complementary

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



6E4569



456E4A

# 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.



005E52



6E4569



4A582C

# Square

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



6E4569



724A2D



2E5C3C



005B78

# Rectangle

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



6E4569



7D4145



2E5C3C



005E61



# Sweetspot

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



6E4569



8F7F8D



4A456E



473E46



C7C7C7



474747



# Same Dimension

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



6E4569



8F4F87



6E4555



383237



780069



F700D9



# Inverse Universe

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



6E4569



8F4F87



456E5E



383237



780069

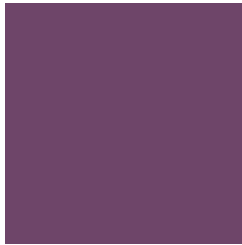


F700D9



# Previews

## White Background



This preview shows how the Hex color 6E4569 looks on a white background.

## Color Contrast Check

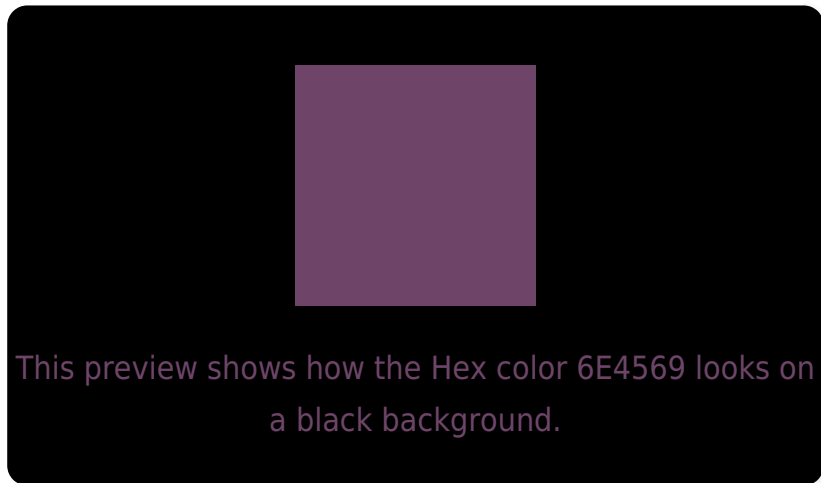
Large Text (above 18pt) WCAG AA ✓ Pass

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

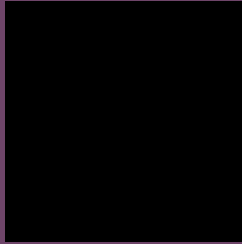
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 6E4569 Background



This preview shows how black text looks on a background with the Hex color 6E4569.



This preview shows how white text looks on a background with the Hex color 6E4569.

# 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**  
6E4569

**Protanopia**  
495273

**Deuteranopia**  
515167



**Tritanopia**  
6B4A50

# Trichromacy



**Original Color**  
6E4569

**Protanomaly**  
564D6F

**Deuteranomaly**  
5C4D68

**Tritanomaly**  
6C4859

# Monochromacy



**Original Color**  
6E4569

**Achromatopsia**  
555555

**Achromatomaly**  
5E4F5C

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 6E4569 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 #6E4569 looks like.

```
.text, #text, p{  
  color:#6E4569  
}
```

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 #6E4569 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6E4569
}
```

## Border

The CSS property to change the border of an element to Hex 6E4569 is called "border". The border property can be set on classes, ids or directly on the HTML element.

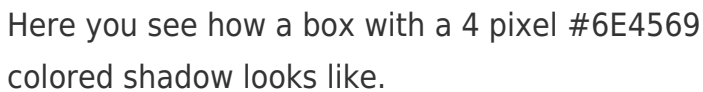
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#6E4569 }
```

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

```
.border{ border-color:#6E4569 }
```

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



Here you see how a box with a 4 pixel #6E4569 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6E4569; -webkit-box-shadow:4px 4px  
4px 4px #6E4569; box-shadow:4px 4px 4px  
4px #6E4569 }
```

# Background

The CSS property to change the background color of an element to Hex 6E4569 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6E4569 }
```

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

```
.background{ background-color:#6E4569 }
```

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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