

# Converting Colors

Hex(6E4264)

Have a look what the booklet for  
Hex(6E4264) contains.

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# Color

**Hex(6E4264)**

# Conversions

## Conversions Part 1

Format	Color
Hex	6E4264
RGB	110, 66, 100
RGB Percent	43%, 26%, 39%
CMY	0.5686, 0.7412, 0.6078
CMYK	0.00, 0.40, 0.09, 0.57
HSL	314°, 25%, 35%
HSV	314°, 40%, 43%
XYZ	10.6789, 8.1315, 13.0633
YIQ	83.0320, 15.3100, 19.9020

# Conversions

## Conversions Part 2

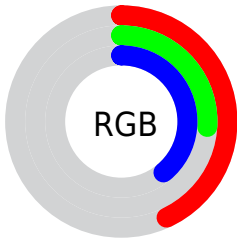
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	110, 66, 100
Decimal	7225956
CIE <sub>Lab</sub>	34.26, 24.65, -11.99
CIE <sub>LCh</sub>	34, 27.413, 334.052
Yxy	8.1315, 0.3350, 0.2551
Android (android.graphics.Color)	4285416036 (0xFF6E4264)
YUV	83.0320, 8.3652, 23.6509
Hunter-Lab	28.5158, 16.9436, -7.2001

# Details

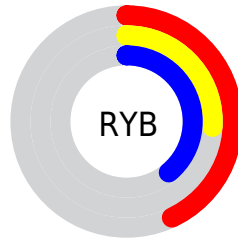
The Hex color **6E4264** is a dark color, and the websafe version is hex **663366**. A complement of this color would be **426E4C**, and the grayscale version is **535353**.

A 20% lighter version of the original color is **A27397**, and **3D1535** is the 20% darker color. If you saturate the color by 10%, you get **6E3762**, and if you desaturate by 10%, it is **6E4D67**.

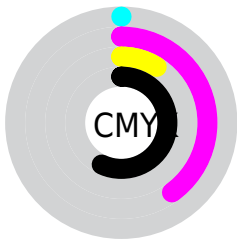
# Distribution



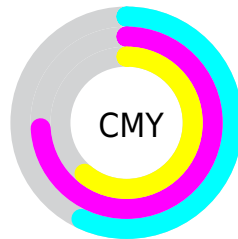
- Red (43%)
- Green (26%)
- Blue (39%)



- Red (43%)
- Yellow (26%)
- Blue (39%)



- Cyan (0%)
- Magenta (40%)
- Yellow (9%)
- Black (57%)



- Cyan (57%)
- Magenta (74%)
- Yellow (61%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 6E4264 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 6E4264 by changing the saturation by 10% instead.





6E4264



6E4264

FFFFFF



552B4C



A27397



3D1535



BE8DB2



270020



DAA7CD



000005



F7C3E9



000000



FFDFFF



FFFCFF



6E4264



6E4264



6E3762



6E4D67

 6E2C5F

 6E5869

 6E215C

 6E636C

 6E165A

 6E6E6E

 6E0B57

 6E7971

 6E0055

 6E8473

 6E8F76

 6E9A78

 6EA57B

# Harmonies

## Analogous

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



564A75



6E4264



793F4E

# Triad

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



6E4264



5B5024



005B68

# Complementary

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



6E4264



426E4C

# 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.



005C53



6E4264



44562B

# Square

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



6E4264



6D492A



285A3D



005877

# Rectangle

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



6E4264



7A4040



285A3D



005C62



# Sweetspot

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



6E4264



8F7E8B



4C426E



473D45



C7C7C7



474747



# Same Dimension

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



6E4264



8F4A7F



6E424E



383237



78005D



F700BF



# Inverse Universe

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



6E4264



8F4A7F



426E62



383237



78005D

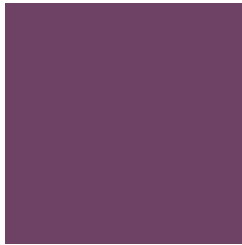


F700BF



# Previews

## White Background



This preview shows how the Hex color 6E4264 looks on a white background.

## Color Contrast Check

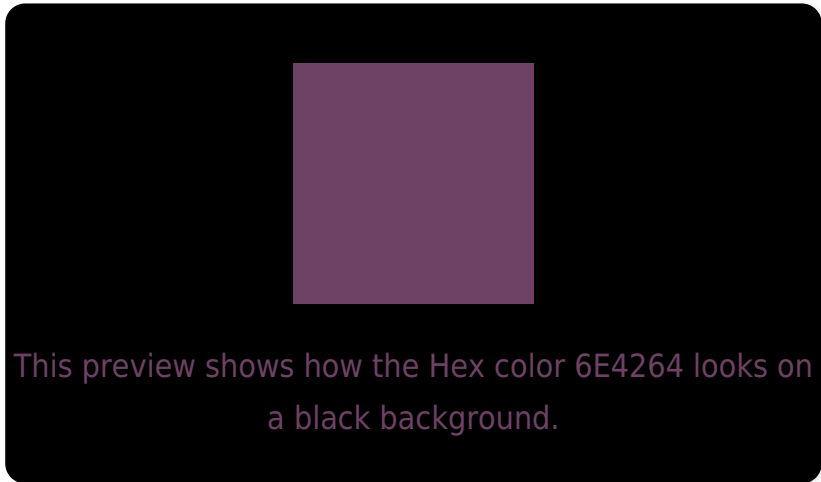
Large Text (above 18pt) WCAG AA ✓ Pass

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

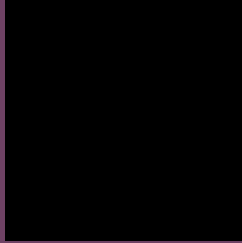
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 6E4264 Background



This preview shows how black text looks on a background with the Hex color 6E4264.



This preview shows how white text looks on a background with the Hex color 6E4264.

# 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**  
6E4264

**Protanopia**  
48506E

**Deuteranopia**  
514F62



**Tritanopia**  
6B474C

# Trichromacy



**Original Color**  
6E4264

**Protanomaly**  
564B6A

**Deuteranomaly**  
5C4A63

**Tritanomaly**  
6C4555

# Monochromacy



**Original Color**  
6E4264

**Achromatopsia**  
535353

**Achromatomaly**  
5D4D59

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 6E4264 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 #6E4264 looks like.

```
.text, #text, p{  
    color:#6E4264  
}
```

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 #6E4264 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6E4264
}
```

## Border

The CSS property to change the border of an element to Hex 6E4264 is called "border". The border property can be set on classes, ids or directly on the HTML element.

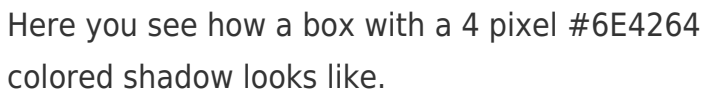
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#6E4264 }
```

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

```
.border{ border-color:#6E4264 }
```

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



Here you see how a box with a 4 pixel #6E4264 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6E4264; -webkit-box-shadow:4px 4px  
4px 4px #6E4264; box-shadow:4px 4px 4px  
4px #6E4264 }
```

# Background

The CSS property to change the background color of an element to Hex 6E4264 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6E4264 }
```

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

```
.background{ background-color:#6E4264 }
```

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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