

# Converting Colors

Hex(6E2574)

Have a look what the booklet for  
Hex(6E2574) contains.

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# Color

**Hex(6E2574)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	6E2574
RGB	110, 37, 116
RGB Percent	43%, 15%, 45%
CMY	0.5686, 0.8549, 0.5451
CMYK	0.05, 0.68, 0.00, 0.55
HSL	295°, 52%, 30%
HSV	295°, 68%, 45%
XYZ	10.2444, 5.8991, 17.1217
YIQ	67.8330, 18.1490, 40.0450

# Conversions

## Conversions Part 2

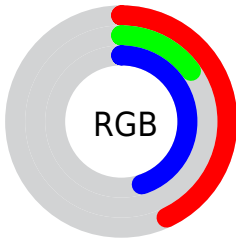
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	110, 37, 116
Decimal	7218548
CIE <sub>Lab</sub>	29.16, 43.31, -30.09
CIE <sub>LCh</sub>	29, 52.740, 325.206
Yxy	5.8991, 0.3080, 0.1773
Android (android.graphics.Color)	4285408628 (0xFF6E2574)
YUV	67.8330, 23.7463, 36.9805
Hunter-Lab	24.2880, 32.7848, -24.7945

# Details

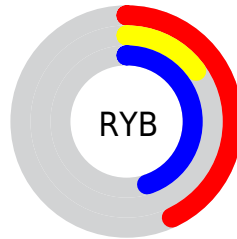
The Hex color **6E2574** is a dark color, and the websafe version is hex **660066**. A complement of this color would be **2B7425**, and the grayscale version is **444444**.

A 20% lighter version of the original color is **A458A8**, and **3B0043** is the 20% darker color. If you saturate the color by 10%, you get **6D1974**, and if you desaturate by 10%, it is **6F3174**.

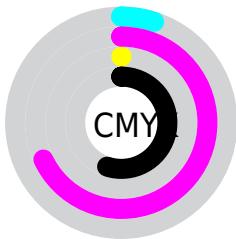
# Distribution



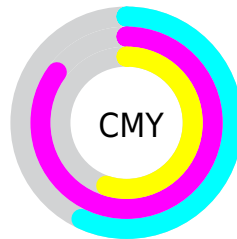
- Red (43%)
- Green (15%)
- Blue (45%)



- Red (43%)
- Yellow (15%)
- Blue (45%)



- Cyan (5%)
- Magenta (68%)
- Yellow (0%)
- Black (55%)



- Cyan (57%)
- Magenta (85%)
- Yellow (55%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 6E2574 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 6E2574 by changing the saturation by 10% instead.



■ 6E2574

■ 6E2574

FFFFFF

■ 54065B

■ A458A8

■ 3B0043

■ C072C4

■ 26002D

■ DC8CE0

■ 000117

■ FAA8FD

■ 000000

■ FFC3FF

■ FFE0FF

■ FFFDFF

■ 6E2574

■ 6E2574

6D1974

6F3174

6C0E74

703C74

6B0274

714874

6B0074

725374

725F74

736B74

747674

758274

768D74

# Harmonies

## Analogous

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



2E3D90



6E2574



87084D

# Triad

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



6E2574



5B4100



005667

# Complementary

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



6E2574



2B7425

# 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.



00553D



6E2574



344C00

# Square

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



6E2574



782E00



005310



005488

# Rectangle

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



6E2574



8B0A32



005310



005659



# Sweetspot

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



6E2574



947896



252C74



4B3A4D



CCCCCC



4D4D4D



# Same Dimension

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



6E2574



8D1B96



742553



3A353B



71007A



E700FA



# Inverse Universe

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



74252B



961B24



257446



3B3535



7A0009

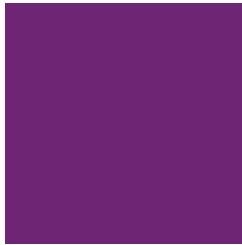


FA0013



# Previews

## White Background



This preview shows how the Hex color 6E2574 looks on a white background.

## Color Contrast Check

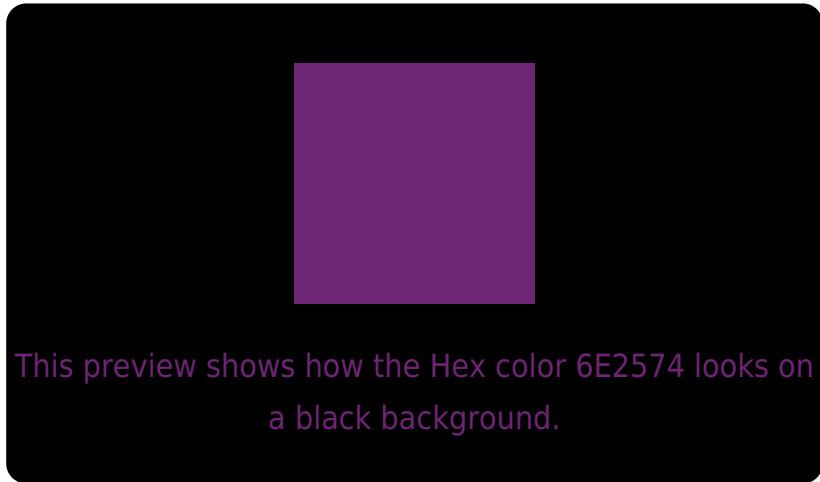
Large Text (above 18pt) WCAG AA ✓ Pass

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

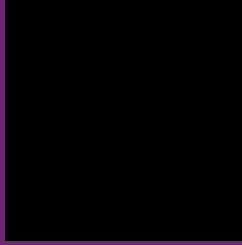
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 6E2574 Background



This preview shows how black text looks on a background with the Hex color 6E2574.

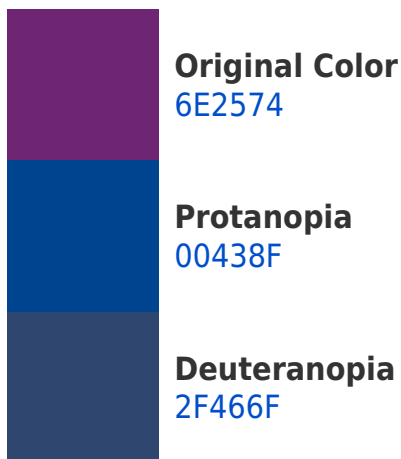


This preview shows how white text looks on a background with the Hex color 6E2574.

# 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





**Tritanopia**  
67373B

# Trichromacy



**Original Color**  
6E2574



**Protanomaly**  
283885



**Deuteranomaly**  
463A71



**Tritanomaly**  
6A3050

# Monochromacy



**Original Color**  
6E2574



**Achromatopsia**  
444444



**Achromatomaly**  
533955

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 6E2574 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 #6E2574 looks like.

```
.text, #text, p{  
    color:#6E2574  
}
```

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 #6E2574 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6E2574
}
```

## Border

The CSS property to change the border of an element to Hex 6E2574 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
#6E2574 }
```

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

```
.border{ border-color:#6E2574 }
```

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

Here you see how a box with a 4 pixel #6E2574 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6E2574; -webkit-box-shadow:4px 4px  
4px 4px #6E2574; box-shadow:4px 4px 4px  
4px #6E2574 }
```

# Background

The CSS property to change the background color of an element to Hex 6E2574 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6E2574 }
```

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

```
.background{ background-color:#6E2574 }
```

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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