

# Converting Colors

Hex(6E4681)

Have a look what the booklet for  
Hex(6E4681) contains.

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# Color

**Hex(6E4681)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	6E4681
RGB	110, 70, 129
RGB Percent	43%, 27%, 51%
CMY	0.5686, 0.7255, 0.4941
CMYK	0.15, 0.46, 0.00, 0.49
HSL	281°, 30%, 39%
HSV	281°, 46%, 51%
XYZ	12.5830, 9.2803, 21.8970
YIQ	88.6860, 4.9010, 26.8290

# Conversions

## Conversions Part 2

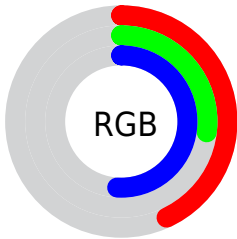
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	110, 70, 129
Decimal	7227009
CIE <sub>Lab</sub>	36.52, 28.46, -26.63
CIE <sub>LCh</sub>	37, 38.973, 316.904
Yxy	9.2803, 0.2875, 0.2121
Android (android.graphics.Color)	4285417089 (0xFF6E4681)
YUV	88.6860, 19.8748, 18.6924
Hunter-Lab	30.4636, 20.4184, -21.2926




# Details

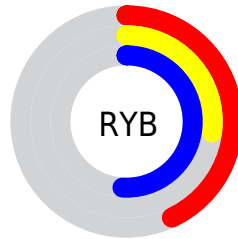
The Hex color **6E4681** is a dark color, and the websafe version is hex **663366**. A complement of this color would be **598146**, and the grayscale version is **585858**.




A 20% lighter version of the original color is **A377B6**, and **3C184F** is the 20% darker color. If you saturate the color by 10%, you get **6A3981**, and if you desaturate by 10%, it is **725381**.

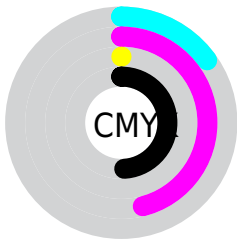
# Distribution







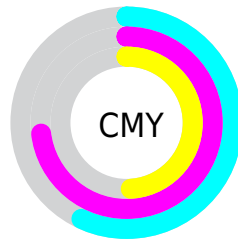
-  Red (43%)
-  Green (27%)
-  Blue (51%)






-  Red (43%)
-  Yellow (27%)
-  Blue (51%)



-  Cyan (15%)
-  Magenta (46%)
-  Yellow (0%)
-  Black (49%)



-  Cyan (57%)
-  Magenta (73%)
-  Yellow (49%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 6E4681 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 6E4681 by changing the saturation by 10% instead.



6E4681

6E4681

FFFFFF

552F68

A377B6

3C184F

BE91D2

250238

DAACEE

0A0022

F7C8FF

000008

FFE4FF

000000

6E4681

6E4681

6A3981

725381

662C81

766081

621F81

7A6D81

5D1281

7F7A81

590681

838781

570081

879381

8BA081

8FAD81

93BA81

# Harmonies

## Analogous

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



3D5392



6E4681



883B65

# Triad

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



6E4681



724F15



006567

# Complementary

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



6E4681



598146

# 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.



006447



6E4681



565A14

# Square

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



6E4681



864329



316129



006383

# Rectangle

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



6E4681



8F3950



316129



00655C



# Sweetspot

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



6E4681



A191A8



465A81



504654



D4D4D4



545454



# Same Dimension

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



6E4681



8A4CA8



814677



3E3940



560080



000000



# Inverse Universe

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



814659



A84C6A



468150



40393B



800029



000000



# Previews

## White Background



This preview shows how the Hex color 6E4681 looks on a white background.

## Color Contrast Check

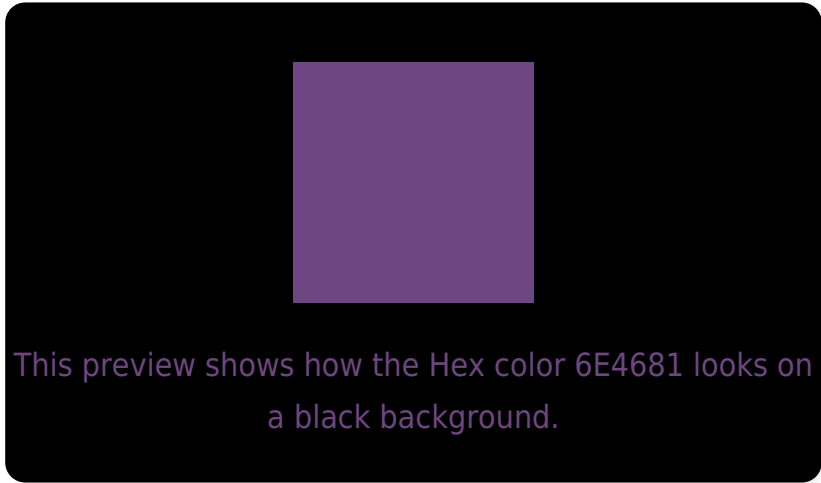
Large Text (above 18pt) WCAG AA ✓ Pass

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

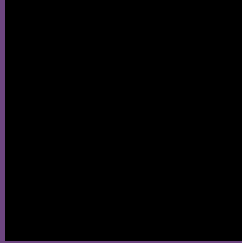
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 6E4681 Background



This preview shows how black text looks on a background with the Hex color 6E4681.




This preview shows how white text looks on a background with the Hex color 6E4681.

# 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**  
675056

# Trichromacy



**Original Color**  
6E4681

**Protanomaly**  
504F89

**Deuteranomaly**  
55507F

**Tritanomaly**  
6A4C66

# Monochromacy



**Original Color**  
6E4681

**Achromatopsia**  
595959

**Achromatomaly**  
615268

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 6E4681 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 #6E4681 looks like.

```
.text, #text, p{  
    color:#6E4681  
}
```

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 #6E4681 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6E4681
}
```

## Border

The CSS property to change the border of an element to Hex 6E4681 is called "border". The border property can be set on classes, ids or directly on the HTML element.

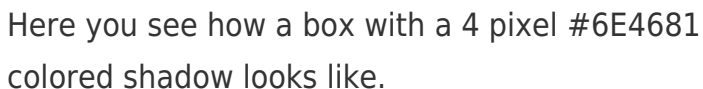
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#6E4681 }
```

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

```
.border{ border-color:#6E4681 }
```

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



Here you see how a box with a 4 pixel #6E4681 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6E4681; -webkit-box-shadow:4px 4px  
4px 4px #6E4681; box-shadow:4px 4px 4px  
4px #6E4681 }
```

# Background

The CSS property to change the background color of an element to Hex 6E4681 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6E4681 }
```

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

```
.background{ background-color:#6E4681 }
```

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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