

# Converting Colors

Hex(6E2F4B)

Have a look what the booklet for  
Hex(6E2F4B) contains.

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# Color

**Hex(6E2F4B)**

# Conversions

## Conversions Part 1

Format	Color
Hex	6E2F4B
RGB	110, 47, 75
RGB Percent	43%, 18%, 29%
CMY	0.5686, 0.8157, 0.7059
CMYK	0.00, 0.57, 0.32, 0.57
HSL	333°, 40%, 31%
HSV	333°, 57%, 43%
XYZ	8.7169, 5.8560, 7.3275
YIQ	69.0290, 28.5600, 22.0640

# Conversions

## Conversions Part 2

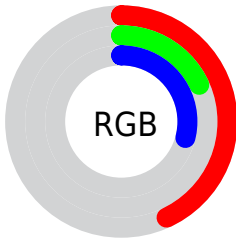
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	110, 47, 75
Decimal	7221067
CIE Lab	29.05, 31.32, -3.68
CIE LCh	29, 31.533, 353.289
Yxy	5.8560, 0.3980, 0.2674
Android (android.graphics.Color)	4285411147 (0xFF6E2F4B)
YUV	69.0290, 2.9437, 35.9316
Hunter-Lab	24.1992, 21.9497, -1.0135

# Details

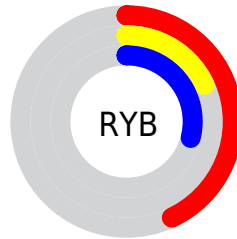
The Hex color **6E2F4B** is a dark color, and the websafe version is hex **660033**. A complement of this color would be **2F6E52**, and the grayscale version is **454545**.

A 20% lighter version of the original color is **A4607C**, and **3B001F** is the 20% darker color. If you saturate the color by 10%, you get **6E2445**, and if you desaturate by 10%, it is **6E3A51**.

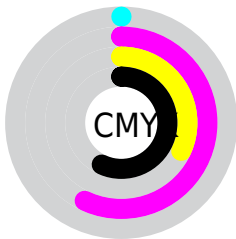
# Distribution



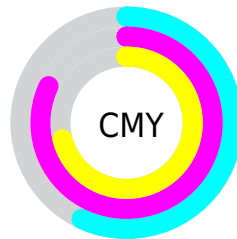
- Red (43%)
- Green (18%)
- Blue (29%)



- Red (43%)
- Yellow (18%)
- Blue (29%)



- Cyan (0%)
- Magenta (57%)
- Yellow (32%)
- Black (57%)



- Cyan (57%)
- Magenta (82%)
- Yellow (71%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 6E2F4B 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 6E2F4B by changing the saturation by 10% instead.



6E2F4B

6E2F4B

FFFFFF

541734

A4607C

3B001F

C07995

280006

DC94B0

000000

F9AFCC

FFCAE8

FFE7FF

6E2F4B

6E2F4B

6E2445

6E3A51

 6E193F

 6E4557

 6E0E39

 6E505D

 6E0333

 6E5B63

 6E0031

 6E666A

 6E7170

 6E7C76

 6E877C

 6E9282

# Harmonies

## Analogous

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



5D3662



6E2F4B



713033

# Triad

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



6E2F4B



3F4914



004E6B

# Complementary

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



6E2F4B



2F6E52

# 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.



005057



6E2F4B



214E26

# Square

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



6E2F4B



564111



00503E



004975

# Rectangle

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



6E2F4B



6C3524



00503E



004F65



# Sweetspot

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



6E2F4B



8F7781



522F6E



47393F



C7C7C7



474747



# Same Dimension

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



6E2F4B



8F2C58



6E322F



383235



780035



F7006E



# Inverse Universe

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



6E2F4B



8F2C58



2F6B6E



383235



780035

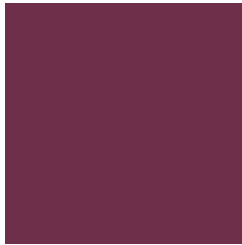


F7006E



# Previews

## White Background



This preview shows how the Hex color 6E2F4B 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

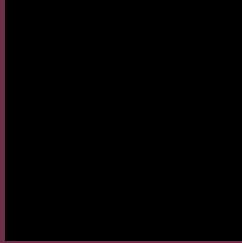
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 6E2F4B Background



This preview shows how black text looks on a background with the Hex color 6E2F4B.



This preview shows how white text looks on a background with the Hex color 6E2F4B.

# 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**  
6E2F4B

**Protanopia**  
404559

**Deuteranopia**  
4B4348



**Tritanopia**  
6C3337

# Trichromacy



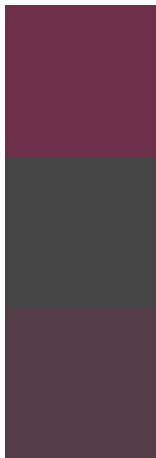
**Original Color**  
6E2F4B

**Protanomaly**  
513D54

**Deuteranomaly**  
583C49

**Tritanomaly**  
6D323E

# Monochromacy



**Original Color**  
6E2F4B

**Achromatopsia**  
454545

**Achromatomaly**  
543D47

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 6E2F4B 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 #6E2F4B looks like.

```
.text, #text, p{  
    color:#6E2F4B  
}
```

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 #6E2F4B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6E2F4B }  
}
```

## Border

The CSS property to change the border of an element to Hex 6E2F4B 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".

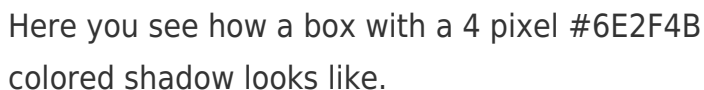
```
.border, #border, table{ border:4px solid #6E2F4B }  
}
```

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

```
.border{ border-color:#6E2F4B }
```

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

Here you see how a box with a 4 pixel #6E2F4B colored shadow looks like.

A rectangular box with a dark red border and a dark red shadow. The shadow is cast to the right and bottom of the box, creating a 3D effect. The text inside the box is black and reads: "Here you see how a box with a 4 pixel #6E2F4B colored shadow looks like."

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6E2F4B; -webkit-box-shadow:4px 4px  
4px 4px #6E2F4B; box-shadow:4px 4px 4px  
4px #6E2F4B }
```

# Background

The CSS property to change the background color of an element to Hex 6E2F4B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6E2F4B }
```

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

```
.background{ background-color:#6E2F4B }
```

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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