

# Converting Colors

Hex(445171)

Have a look what the booklet for  
Hex(445171) contains.

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# Color

**Hex(445171)**

# Conversions

## Conversions Part 1

Format	Color
Hex	445171
RGB	68, 81, 113
RGB Percent	27%, 32%, 44%
CMY	0.7333, 0.6824, 0.5569
CMYK	0.40, 0.28, 0.00, 0.56
HSL	223°, 25%, 35%
HSV	223°, 40%, 44%
XYZ	8.3070, 8.3061, 16.7882
YIQ	80.7610, -18.0200, 7.1960

# Conversions

## Conversions Part 2

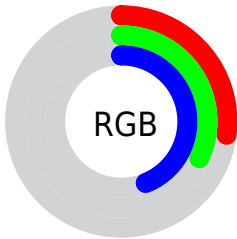
<b>Format</b>	<b>Color</b>
<b>RYB</b>	68, 78, 113
Decimal	4477297
CIELab	34.61, 3.73, -19.98
CIElCh	35, 20.328, 280.583
Yxy	8.3061, 0.2487, 0.2487
Android (android.graphics.Color)	4282667377 (0xFF445171)
YUV	80.7610, 15.8938, -11.1914
Hunter-Lab	28.8202, 1.0143, -14.3631

# Details

The Hex color **445171** is a dark color, and the websafe version is hex **336699**. A complement of this color would be **716444**, and the grayscale version is **515151**.

A 20% lighter version of the original color is **7682A5**, and **142541** is the 20% darker color. If you saturate the color by 10%, you get **394971**, and if you desaturate by 10%, it is **4F5971**.

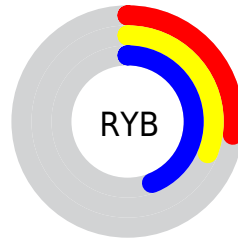
# Distribution



Red (27%)

Green (32%)

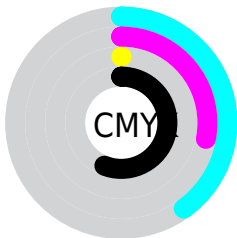
Blue (44%)



Red (27%)

Yellow (31%)

Blue (44%)

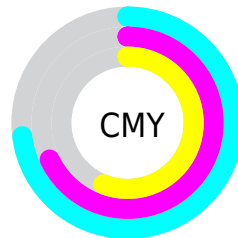


Cyan (40%)

Magenta (28%)

Yellow (0%)

Black (56%)



Cyan (73%)

Magenta (68%)

Yellow (56%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 445171 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 445171 by changing the saturation by 10% instead.



■ 445171

■ 445171

FFFFFF

■ 2C3A58

■ 7682A5

■ 142541

■ 909CC0

■ 000F2B

■ ABB7DC

■ 000116

■ C6D3F9

■ 000000

■ E3EFFF

■ 445171

■ 445171

■ 394971

■ 4F5971

■ 2D4171

■ 5B6171

■ 223971

■ 666971

■ 173171

■ 717171

■ 0B2971

■ 7D7971

■ 002171

■ 888171

■ 938971

■ 9E9171

■ AA9971

# Harmonies

## Analogous

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



2A5670



445171



5B4B6A

# Triad

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



445171



6F483D



315946

# Complementary

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



445171



716444

# 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.



455738



445171



654D33

# Square

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



445171



71454C



575231



1E5A57

# Rectangle

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



445171



664862



575231



385941



# Sweetspot

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



445171



828794



447164



40434A



C9C9C9



4A4A4A



# Same Dimension

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



445171



4D6194



4D4471



323438



002378



0047F7



# Inverse Universe

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



714451



944D61



687144



383234



780023



F70047



# Previews

## White Background



This preview shows how the Hex color 445171 looks on a white background.

## Color Contrast Check

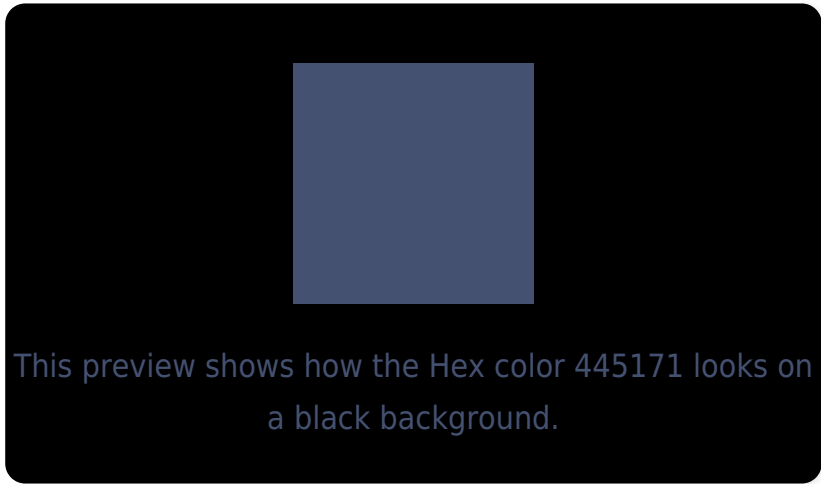
Large Text (above 18pt) WCAG AA ✓ Pass

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

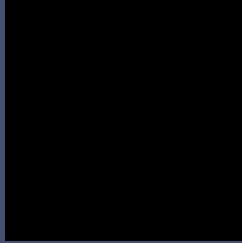
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 445171 Background



This preview shows how black text looks on a background with the Hex color 445171.

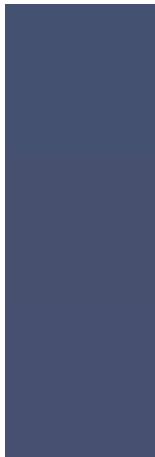


This preview shows how white text looks on a background with the Hex color 445171.

# 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](#).

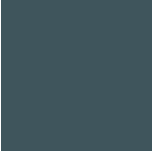
## Dichromacy



**Original Color**  
445171

**Protanopia**  
485070

**Deuteranopia**  
475071



**Tritanopia**  
3F555C

# Trichromacy



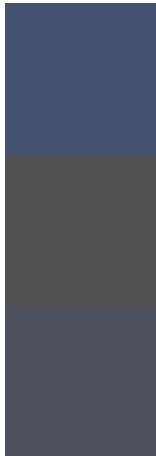
**Original Color**  
445171

**Protanomaly**  
475070

**Deuteranomaly**  
465071

**Tritanomaly**  
415464

# Monochromacy



**Original Color**  
445171

**Achromatopsia**  
515151

**Achromatomaly**  
4C515D

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 445171 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 #445171 looks like.

```
.text, #text, p{  
    color:#445171  
}
```

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 #445171 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #445171
}
```

## Border

The CSS property to change the border of an element to Hex 445171 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
#445171 }
```

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

```
.border{ border-color:#445171 }
```

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

Here you see how a box with a 4 pixel #445171 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #445171; -webkit-box-shadow:4px 4px  
4px 4px #445171; box-shadow:4px 4px 4px  
4px #445171 }
```

# Background

The CSS property to change the background color of an element to Hex 445171 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#445171 }
```

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

```
.background{ background-color:#445171 }
```

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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