

Converting Colors

Hex(445783)

Have a look what the booklet for
Hex(445783) contains.

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Color

Hex(445783)

Conversions

Conversions Part 1

Format	Color
Hex	445783
RGB	68, 87, 131
RGB Percent	27%, 34%, 51%
CMY	0.7333, 0.6588, 0.4863
CMYK	0.48, 0.34, 0.00, 0.49
HSL	222°, 32%, 39%
HSV	222°, 48%, 51%
XYZ	9.8888, 9.6840, 22.8207
YIQ	86.3350, -25.4480, 9.6560

Conversions

Conversions Part 2

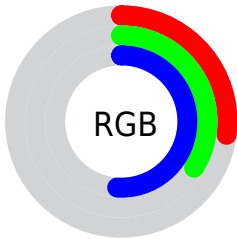
Format	Color
R _{YB}	68, 83, 131
Decimal	4478851
CIE Lab	37.27, 5.56, -26.96
CIE LCh	37, 27.524, 281.645
Yxy	9.6840, 0.2333, 0.2284
Android (android.graphics.Color)	4282668931 (0xFF445783)
YUV	86.3350, 22.0198, -16.0798
Hunter-Lab	31.1192, 2.2639, -21.6959

Details

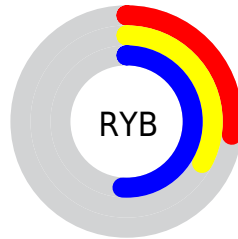
The Hex color **445783** is a dark color, and the websafe version is hex **336699**. A complement of this color would be **837044**, and the grayscale version is **565656**.

A 20% lighter version of the original color is **7789B8**, and **0E2A51** is the 20% darker color. If you saturate the color by 10%, you get **374E83**, and if you desaturate by 10%, it is **516083**.

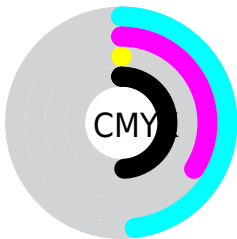
Distribution



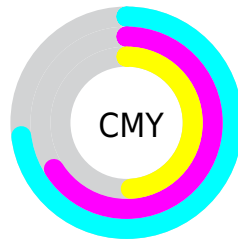
- Red (27%)
- Green (34%)
- Blue (51%)



- Red (27%)
- Yellow (33%)
- Blue (51%)



- Cyan (48%)
- Magenta (34%)
- Yellow (0%)
- Black (49%)



- Cyan (73%)
- Magenta (66%)
- Yellow (49%)

Brightness & Saturation Gradients

These gradients show how the Hex color 445783 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 445783 by changing the saturation by 10% instead.

■ 445783

■ 445783

FFFFFF

■ 2B406A

■ 7789B8

■ 0E2A51

■ 92A3D4

■ 00163A

■ ADBEF0

■ 000224

■ C9DAFF

■ 00000C

■ E6F6FF

■ 000000

■ 445783

■ 445783

■ 374E83

■ 516083

■ 2A4583

■ 5E6983

■ 1D3C83

■ 6B7283

■ 103283

■ 787C83

■ 032983

■ 858583

■ 002883

■ 938E83

■ A09783

■ ADA083

■ BAA983

Harmonies

Analogous

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



115E81



445783



654F79

Triad

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



445783



7E4A3B



266249

Complementary

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



445783



837044

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.



455F36



445783



71522E

Square

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



445783



824650



5D592B



006360

Rectangle

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



445783



744A6D



5D592B



326142

Sweetspot

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



445783



939AAB



44836F



484C57



D6D6D6



575757

Same Dimension

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



445783



4866AB



504483



3C3E42



002782



000103

Inverse Universe

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



834457



AB4866



778344



423C3E



820027



030001

Previews

White Background



This preview shows how the Hex color 445783 looks on a white background.

Color Contrast Check

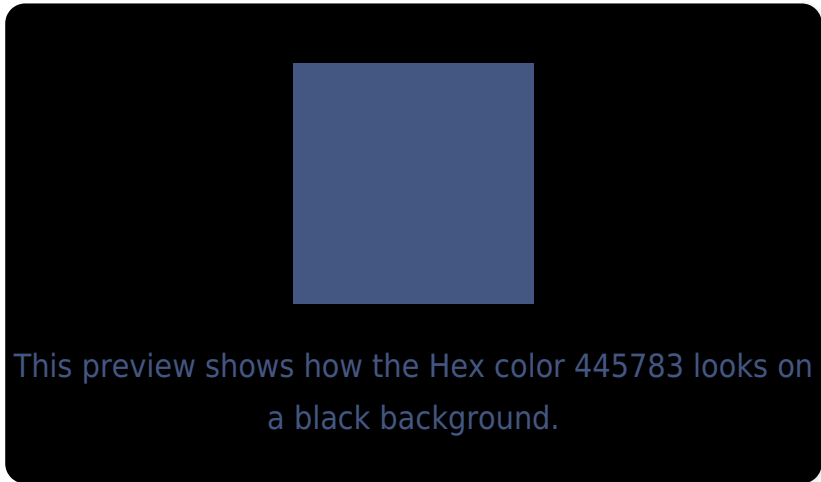
Large Text (above 18pt) WCAG AA ✓ Pass

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

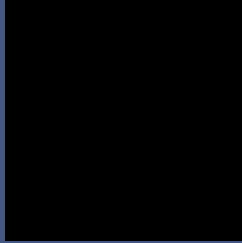
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

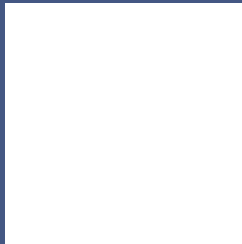
Any Text WCAG AAA × Fail

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

Hex 445783 Background



This preview shows how black text looks on a background with the Hex color 445783.



This preview shows how white text looks on a background with the Hex color 445783.

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
445783

Protanopia
485682

Deuteranopia
445783



Tritanopia
3B5D65

Trichromacy



Original Color

445783

Protanomaly

475682

Deuteranomaly

445783

Tritanomaly

3E5B70

Monochromacy



Original Color

445783

Achromatopsia

565656

Achromatomaly

4F5666

CSS Examples

Text

The CSS property to change the color of the text to Hex 445783 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 #445783 looks like.

```
.text, #text, p{  
    color:#445783  
}
```

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 #445783 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #445783
}
```

Border

The CSS property to change the border of an element to Hex 445783 is called "border". The border property can be set on classes, ids or directly on the HTML element.

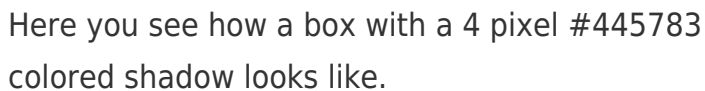
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#445783 }
```

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

```
.border{ border-color:#445783 }
```

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



Here you see how a box with a 4 pixel #445783 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #445783; -webkit-box-shadow:4px 4px  
4px 4px #445783; box-shadow:4px 4px 4px  
4px #445783 }
```

Background

The CSS property to change the background color of an element to Hex 445783 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#445783 }
```

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

```
.background{ background-color:#445783 }
```

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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