

Converting Colors

Hex(445E91)

Have a look what the booklet for
Hex(445E91) contains.

Hex(445E91)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(445E91)

Conversions

Conversions Part 1

Format	Color
Hex	445E91
RGB	68, 94, 145
RGB Percent	27%, 37%, 57%
CMY	0.7333, 0.6314, 0.4314
CMYK	0.53, 0.35, 0.00, 0.43
HSL	220°, 36%, 42%
HSV	220°, 53%, 57%
XYZ	11.4974, 11.2787, 28.3591
YIQ	92.0400, -31.8670, 10.3490

Conversions

Conversions Part 2

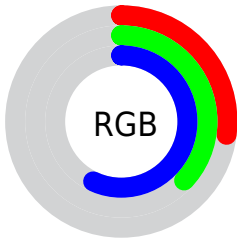
Format	Color
R_{YB}	68, 87, 145
Decimal	4480657
CIE _{Lab}	40.05, 5.70, -31.09
CIE _{LCh}	40, 31.612, 280.395
Yxy	11.2787, 0.2248, 0.2206
Android (android.graphics.Color)	4282670737 (0xFF445E91)
YUV	92.0400, 26.1093, -21.0831
Hunter-Lab	33.5838, 2.3381, -26.5576

Details

The Hex color **445E91** is a dark color, and the websafe version is hex **336699**. A complement of this color would be **917744**, and the grayscale version is **5C5C5C**.

A 20% lighter version of the original color is **7990C7**, and **06305E** is the 20% darker color. If you saturate the color by 10%, you get **365491**, and if you desaturate by 10%, it is **536891**.

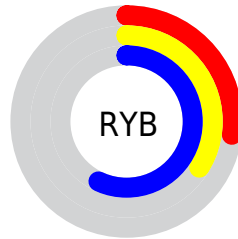
Distribution



Red (27%)

Green (37%)

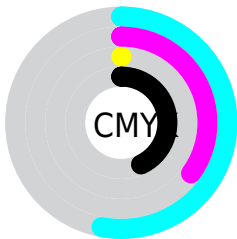
Blue (57%)



Red (27%)

Yellow (34%)

Blue (57%)

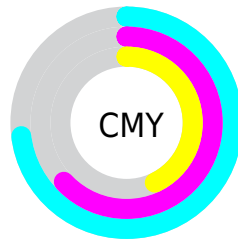


Cyan (53%)

Magenta (35%)

Yellow (0%)

Black (43%)



Cyan (73%)

Magenta (63%)

Yellow (43%)

Brightness & Saturation Gradients

These gradients show how the Hex color 445E91 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 445E91 by changing the saturation by 10% instead.

■ 445E91

■ 445E91

FFFFFF

■ 294777

■ 7990C7

■ 06305E

■ 94ABE3

■ 001C46

■ B0C6FF

■ 000030

■ CCE2FF

■ 00011A

■ E9FEFF

■ 000000

■ 445E91

■ 445E91

■ 365491

■ 536891

■ 274B91

■ 617191

■ 194191

■ 707B91

■ 0A3891

■ 7E8491

■ 003191

■ 8D8E91

■ 9B9891

■ AAA191

■ B8AB91

■ C6B491

Harmonies

Analogous

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



00668F



445E91



6C5486

Triad

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



445E91



8B4E3E



246A4C

Complementary

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



445E91



917744

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.



496636



445E91



7C572D

Square

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



445E91



8F4956



65602A



006C67

Rectangle

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



445E91



7F4E78



65602A



326944

Sweetspot

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



445E91



9FA9BD



449176



4C525E



DEDEDE



5E5E5E

Same Dimension

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



445E91



446DBD



504491



404347



002E87



000308

Inverse Universe

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



91445E



BD446D



859144



474043



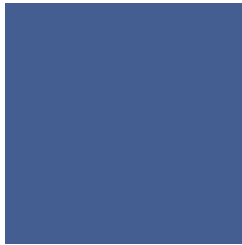
87002E



080003

Previews

White Background



This preview shows how the Hex color 445E91 looks on a white background.

Color Contrast Check

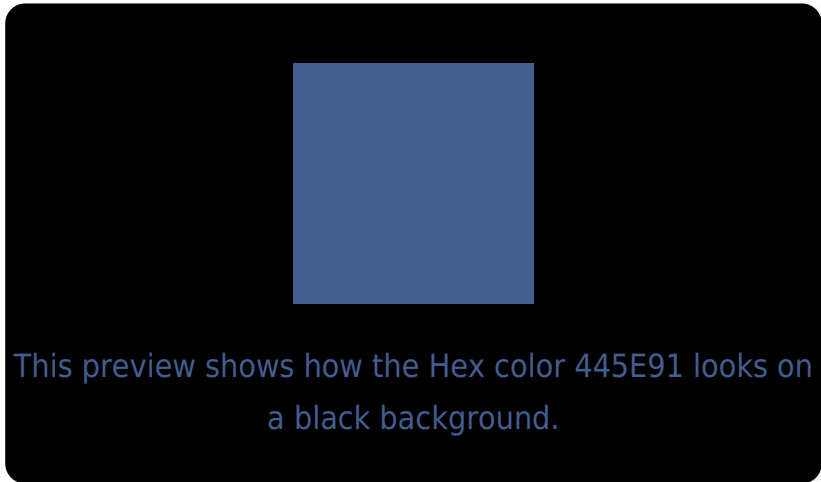
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

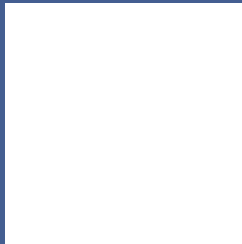
Any Text WCAG AAA × Fail

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

Hex 445E91 Background



This preview shows how black text looks on a background with the Hex color 445E91.



This preview shows how white text looks on a background with the Hex color 445E91.

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


445E91

Protanopia

4C5C90

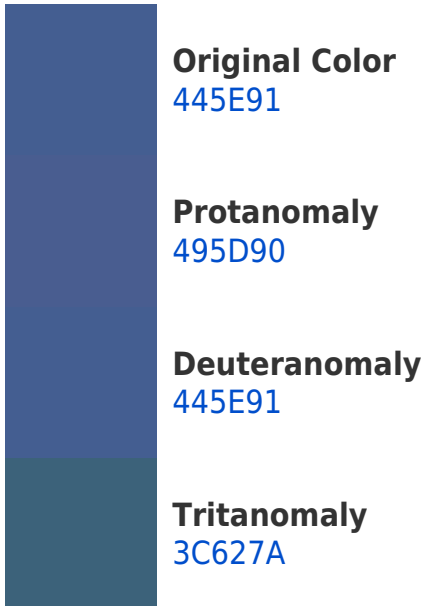
Deuteranopia

445E91

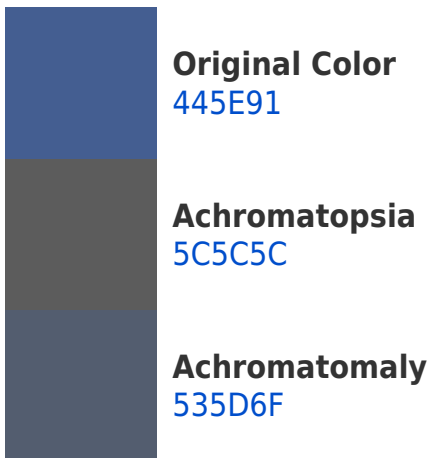


Tritanopia
38656D

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 445E91 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 #445E91 looks like.

```
.text, #text, p{  
    color:#445E91  
}
```

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 #445E91 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #445E91  
}
```

Border

The CSS property to change the border of an element to Hex 445E91 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  
#445E91 }
```

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

```
.border{ border-color:#445E91 }
```

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

Here you see how a box with a 4 pixel #445E91 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #445E91; -webkit-box-shadow:4px 4px  
4px 4px #445E91; box-shadow:4px 4px 4px  
4px #445E91 }
```

Background

The CSS property to change the background color of an element to Hex 445E91 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#445E91 }
```

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

```
.background{ background-color:#445E91 }
```

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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