

Converting Colors

Hex(445EA0)

Have a look what the booklet for
Hex(445EA0) contains.

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Color

Hex(445EA0)

Conversions

Conversions Part 1

Format	Color
Hex	445EA0
RGB	68, 94, 160
RGB Percent	27%, 37%, 63%
CMY	0.7333, 0.6314, 0.3725
CMYK	0.58, 0.41, 0.00, 0.37
HSL	223°, 40%, 45%
HSV	223°, 57%, 63%
XYZ	12.7318, 11.7724, 34.8590
YIQ	93.7500, -36.6820, 15.0140

Conversions

Conversions Part 2

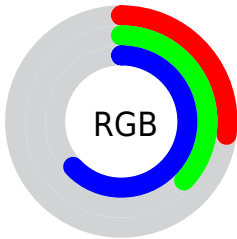
Format	Color
R_{YB}	68, 88, 160
Decimal	4480672
CIE _{Lab}	40.85, 10.78, -38.80
CIE _{LCh}	41, 40.268, 285.526
Yxy	11.7724, 0.2145, 0.1983
Android (android.graphics.Color)	4282670752 (0xFF445EA0)
YUV	93.7500, 32.6613, -22.5828
Hunter-Lab	34.3110, 6.1918, -36.2193

Details

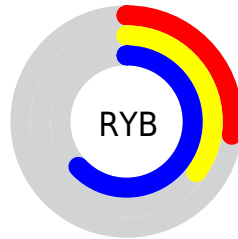
The Hex color **445EA0** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **A08644**, and the grayscale version is **5D5D5D**.

A 20% lighter version of the original color is **7B90D7**, and **00316C** is the 20% darker color. If you saturate the color by 10%, you get **3453A0**, and if you desaturate by 10%, it is **5469A0**.

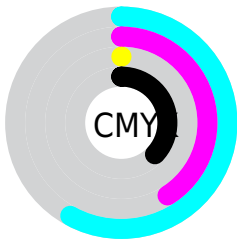
Distribution



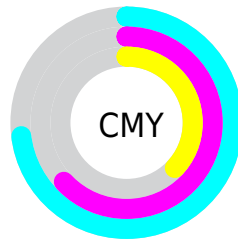
- Red (27%)
- Green (37%)
- Blue (63%)



- Red (27%)
- Yellow (35%)
- Blue (63%)



- Cyan (58%)
- Magenta (41%)
- Yellow (0%)
- Black (37%)



- Cyan (73%)
- Magenta (63%)
- Yellow (37%)

Brightness & Saturation Gradients

These gradients show how the Hex color 445EA0 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 445EA0 by changing the saturation by 10% instead.

■ 445EA0

■ 445EA0

FFFFFF

■ 274786

■ 7B90D7

■ 00316C

■ 97AAF4

■ 001C53

■ B3C6FF

■ 00003C

■ CFE2FF

■ 000225

■ ECFEFF

■ 00010E

■ 000000

■ 445EA0

■ 445EA0

■ 3453A0

■ 5469A0

■ 2447A0

■ 6475A0

■ 143CA0

■ 7480A0

■ 0430A0

■ 848CA0

■ 002DA0

■ 9497A0

■ A4A3A0

■ B4AEA0

■ C4BAA0

■ D4C5A0

Harmonies

Analogous

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



0068A0



445EA0



78508F

Triad

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



445EA0



954C32



006F4F

Complementary

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



445EA0



A08644

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.



3C6B30



445EA0



80591D

Square

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



445EA0



9D4350



62641C



007071

Rectangle

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



445EA0



8D487C



62641C



116E44

Sweetspot

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



445EA0



AEB8D1



44A086



545A69



E8E8E8



696969

Same Dimension

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



445EA0



416AD1



5844A0



47494F



00288F



00040F

Inverse Universe

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



A0445E



D1416A



8CA044



4F4749



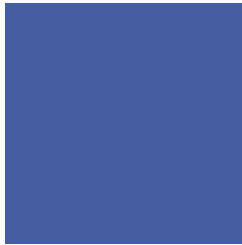
8F0028



0F0004

Previews

White Background



This preview shows how the Hex color 445EA0 looks on a white background.

Color Contrast Check

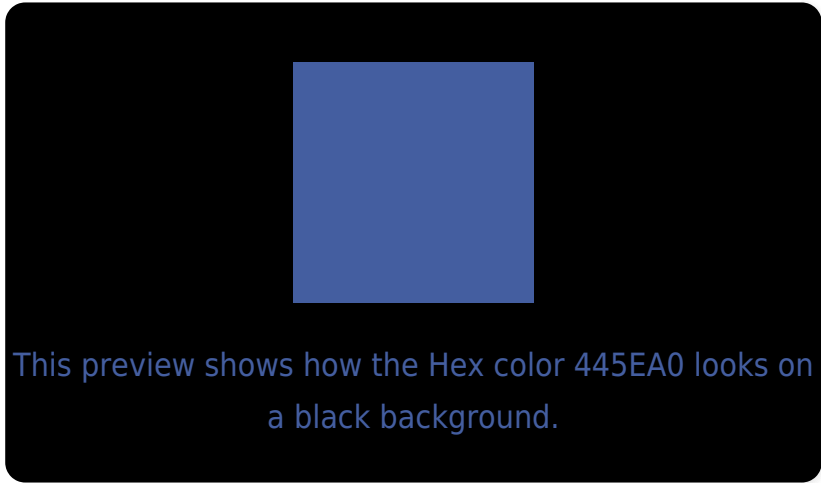
Large Text (above 18pt) WCAG AA ✓ Pass

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

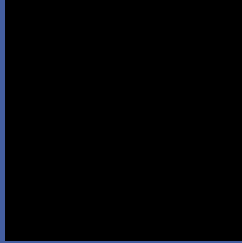
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

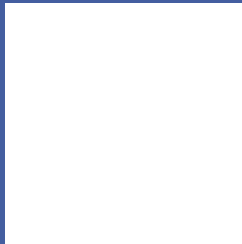
Any Text WCAG AAA × Fail

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

Hex 445EA0 Background



This preview shows how black text looks on a background with the Hex color 445EA0.



This preview shows how white text looks on a background with the Hex color 445EA0.

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
445EA0

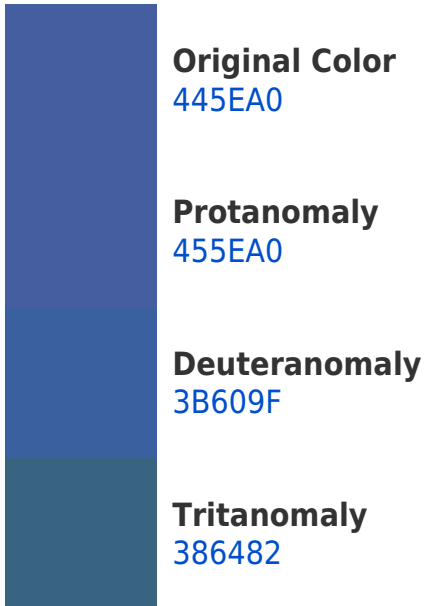
Protanopia
455EA0

Deuteranopia
36619F



Tritanopia
316871

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 445EA0 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 #445EA0 looks like.

```
.text, #text, p{  
    color:#445EA0  
}
```

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 #445EA0 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #445EA0
}
```

Border

The CSS property to change the border of an element to Hex 445EA0 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".

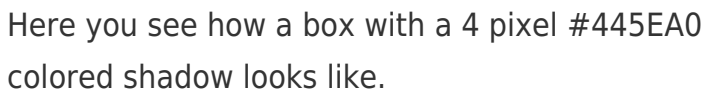
```
.border, #border, table{ border:4px solid
#445EA0 }
```

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

```
.border{ border-color:#445EA0 }
```

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

Here you see how a box with a 4 pixel #445EA0 colored shadow looks like.

A rectangular box with a blue border and a blue shadow. The box is white with a blue border and a blue shadow. The shadow is a 4-pixel offset to the right and bottom of the box.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #445EA0; -webkit-box-shadow:4px 4px  
4px 4px #445EA0; box-shadow:4px 4px 4px  
4px #445EA0 }
```

Background

The CSS property to change the background color of an element to Hex 445EA0 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#445EA0 }
```

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

```
.background{ background-color:#445EA0 }
```

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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