

Converting Colors

Hex(3E6BAF)

Have a look what the booklet for
Hex(3E6BAF) contains.

Hex(3E6BAF)	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(3E6BAF)

Conversions

Conversions Part 1

Format	Color
Hex	3E6BAF
RGB	62, 107, 175
RGB Percent	24%, 42%, 69%
CMY	0.7569, 0.5804, 0.3137
CMYK	0.65, 0.39, 0.00, 0.31
HSL	216°, 48%, 46%
HSV	216°, 65%, 69%
XYZ	14.9822, 14.6347, 42.5926
YIQ	101.2970, -48.6480, 11.6080

Conversions

Conversions Part 2

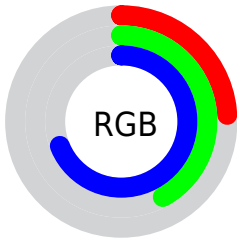
Format	Color
RYB	62, 94, 175
Decimal	4090799
CIELab	45.13, 6.60, -40.87
CIELCh	45, 41.404, 279.178
Yxy	14.6347, 0.2075, 0.2027
Android (android.graphics.Color)	4282280879 (0xFF3E6BAF)
YUV	101.2970, 36.3356, -34.4635
Hunter-Lab	38.2553, 2.9604, -39.2334

Details

The Hex color **3E6BAF** is a dark color, and the websafe version is hex **336699**. A complement of this color would be **AF823E**, and the grayscale version is **656565**.

A 20% lighter version of the original color is **789EE7**, and **003C7A** is the 20% darker color. If you saturate the color by 10%, you get **2D60AF**, and if you desaturate by 10%, it is **5076AF**.

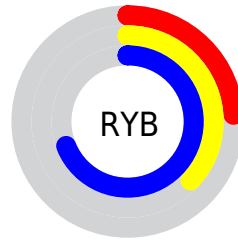
Distribution



Red (24%)

Green (42%)

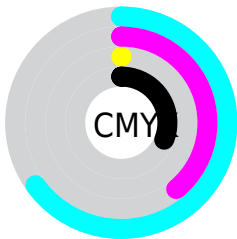
Blue (69%)



Red (24%)

Yellow (37%)

Blue (69%)

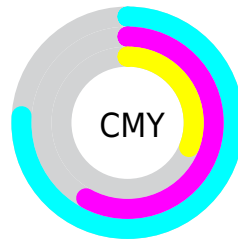


Cyan (65%)

Magenta (39%)

Yellow (0%)

Black (31%)



Cyan (76%)

Magenta (58%)

Yellow (31%)

Brightness & Saturation Gradients

These gradients show how the Hex color 3E6BAF 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 3E6BAF by changing the saturation by 10% instead.

■ 3E6BAF

■ 3E6BAF

FFFFFF

■ 1B5394

■ 789EE7

■ 003C7A

■ 94B9FF

■ 002761

■ B1D4FF

■ 001348

■ CEF1FF

■ 000431

■ ECFFFF

■ 00011C

■ 000000

■ 3E6BAF

■ 3E6BAF

■ 2D60AF

■ 5076AF

■ 1B56AF

■ 6180AF

■ 094BAF

■ 738BAF

■ 0046AF

■ 8495AF

■ 96A0AF

■ A7AAAF

■ B9B5AF

■ CABFAF

■ DBCAAF

Harmonies

Analogous

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



0075AB



3E6BAF



7B5DA1

Triad

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



3E6BAF



A55341



0E7A51

Complementary

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



3E6BAF



AF823E

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.



4F7532



3E6BAF



926029

Square

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



3E6BAF



AA4C61



746C22



007C75

Rectangle

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



3E6BAF



94548F



746C22



2D7946

Sweetspot

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



3E6BAF



B8C9E3



3EAF82



586373



F2F2F2



737373

Same Dimension

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



3E6BAF



347AE3



493EAF



4E5157



003C96



000917

Inverse Universe

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



AF3E6B



E3347A



A4AF3E



574E51



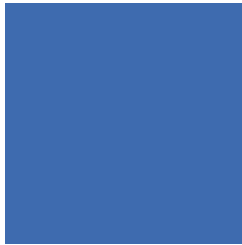
96003C



170009

Previews

White Background



This preview shows how the Hex color 3E6BAF looks on a white background.

Color Contrast Check

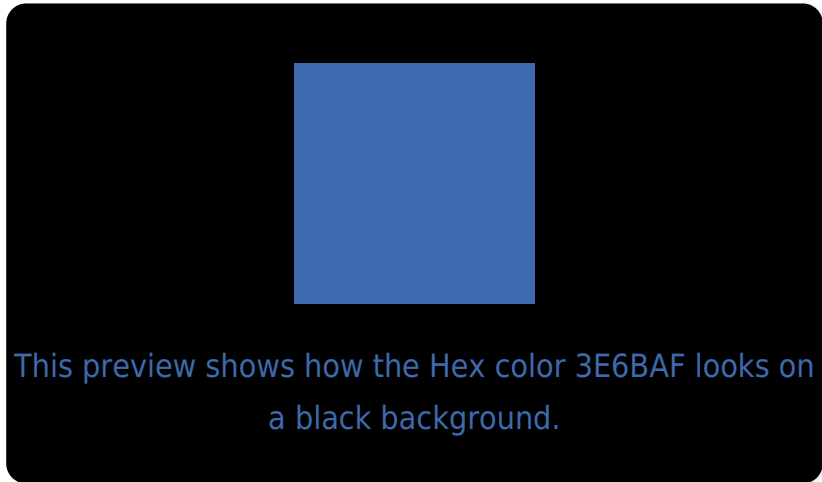
Large Text (above 18pt) WCAG AA ✓ Pass

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

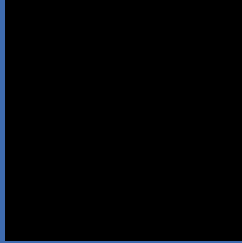
Any Text WCAG AA × Fail

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 3E6BAF Background



This preview shows how black text looks on a background with the Hex color 3E6BAF.

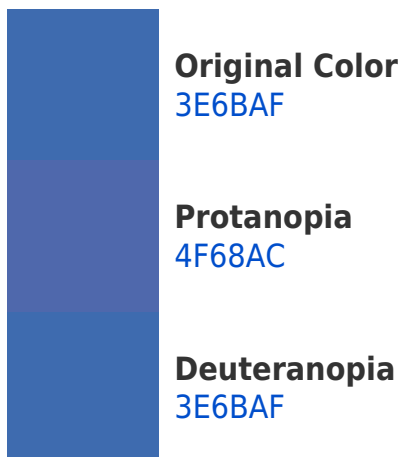



This preview shows how white text looks on a background with the Hex color 3E6BAF.

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](#).

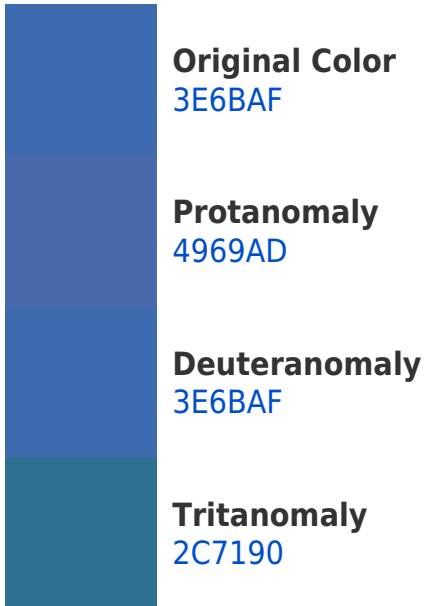
Dichromacy



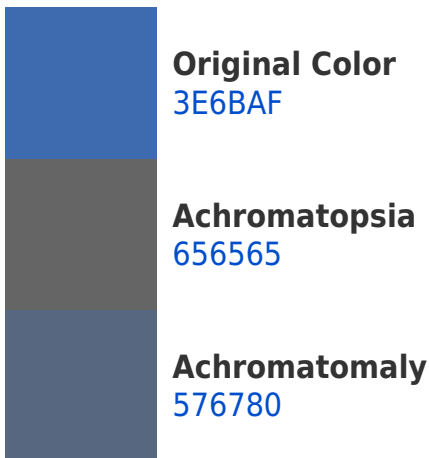


Tritanopia
22757F

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 3E6BAF 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 #3E6BAF looks like.

```
.text, #text, p{  
    color:#3E6BAF  
}
```

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 #3E6BAF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3E6BAF
}
```

Border

The CSS property to change the border of an element to Hex 3E6BAF 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
#3E6BAF }
```

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

```
.border{ border-color:#3E6BAF }
```

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

Here you see how a box with a 4 pixel #3E6BAF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3E6BAF; -webkit-box-shadow:4px 4px  
4px 4px #3E6BAF; box-shadow:4px 4px 4px  
4px #3E6BAF }
```

Background

The CSS property to change the background color of an element to Hex 3E6BAF is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3E6BAF }
```

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

```
.background{ background-color:#3E6BAF }
```

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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