

Converting Colors

Hex(3E69AF)

Have a look what the booklet for
Hex(3E69AF) contains.

Hex(3E69AF)	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(3E69AF)

Conversions

Conversions Part 1

Format	Color
Hex	3E69AF
RGB	62, 105, 175
RGB Percent	24%, 41%, 69%
CMY	0.7569, 0.5882, 0.3137
CMYK	0.65, 0.40, 0.00, 0.31
HSL	217°, 48%, 46%
HSV	217°, 65%, 69%
XYZ	14.7760, 14.2224, 42.5239
YIQ	100.1230, -48.0980, 12.6540

Conversions

Conversions Part 2

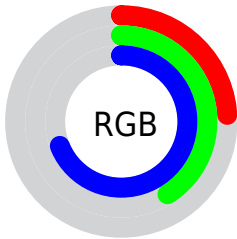
Format	Color
R_{YB}	62, 93, 175
Decimal	4090287
CIE _{Lab}	44.55, 7.86, -41.79
CIE _{LCh}	45, 42.526, 280.648
Yxy	14.2224, 0.2066, 0.1989
Android (android.graphics.Color)	4282280367 (0xFF3E69AF)
YUV	100.1230, 36.9144, -33.4339
Hunter-Lab	37.7126, 3.9403, -40.4551

Details

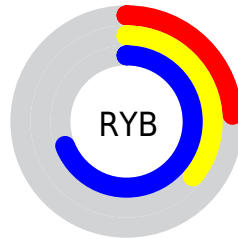
The Hex color **3E69AF** is a dark color, and the websafe version is hex **336699**. A complement of this color would be **AF843E**, and the grayscale version is **646464**.

A 20% lighter version of the original color is **789CE7**, and **003B7A** is the 20% darker color. If you saturate the color by 10%, you get **2D5EAF**, and if you desaturate by 10%, it is **5074AF**.

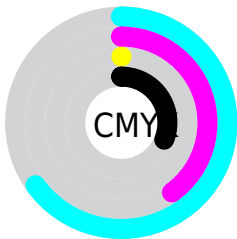
Distribution



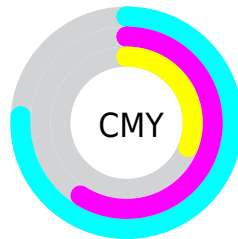
- Red (24%)
- Green (41%)
- Blue (69%)



- Red (24%)
- Yellow (36%)
- Blue (69%)



- Cyan (65%)
- Magenta (40%)
- Yellow (0%)
- Black (31%)



- Cyan (76%)
- Magenta (59%)
- Yellow (31%)

Brightness & Saturation Gradients

These gradients show how the Hex color 3E69AF 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 3E69AF by changing the saturation by 10% instead.

■ 3E69AF

■ 3E69AF

FFFFFF

■ 1B5194

■ 789CE7

■ 003B7A

■ 94B7FF

■ 002661

■ B1D2FF

■ 001148

■ CEEEFF

■ 000431

■ ECFFFF

■ 00011B

■ 000000

■ 3E69AF

■ 3E69AF

■ 2D5EAF

■ 5074AF

■ 1B53AF

■ 617FAF

■ 0948AF

■ 738AAF

■ 0043AF

■ 8494AF

■ 969FAF

■ A7AAAF

■ B9B5AF

■ CAC0AF

■ DBCBAF

Harmonies

Analogous

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



0073AC



3E69AF



7C5B9F

Triad

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



3E69AF



A4523D



007951

Complementary

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



3E69AF



AF843E

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.



4A7431



3E69AF



8F5F24

Square

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



3E69AF



AA495E



716C1E



007B75

Rectangle

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



3E69AF



95518D



716C1E



257845

Sweetspot

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



3E69AF



B8C8E3



3EAF84



586273



F2F2F2



737373

Same Dimension

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



3E69AF



3477E3



4B3EAF



4E5157



003996



000917

Inverse Universe

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



AF3E69



E33477



A2AF3E



574E51



960039



170009

Previews

White Background



This preview shows how the Hex color 3E69AF looks on a white background.

Color Contrast Check

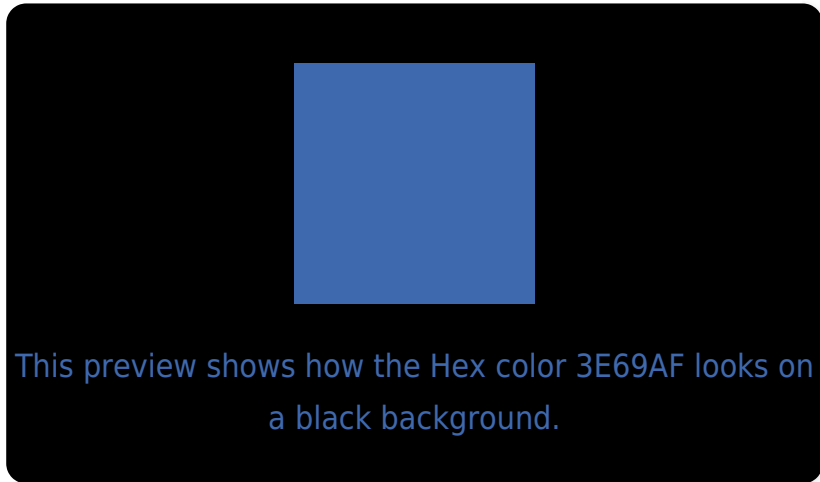
Large Text (above 18pt) WCAG AA ✓ Pass

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 3E69AF Background



This preview shows how black text looks on a background with the Hex color 3E69AF.

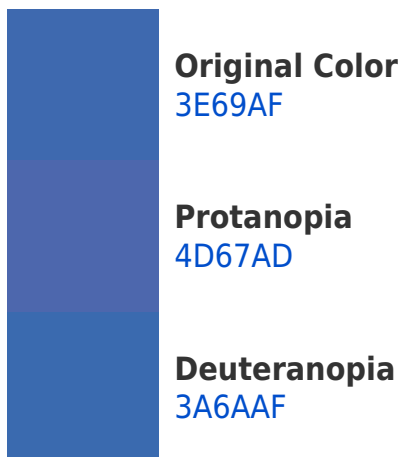


This preview shows how white text looks on a background with the Hex color 3E69AF.

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](#).

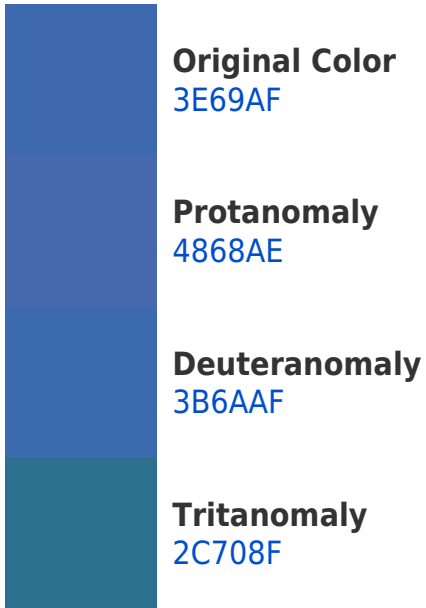
Dichromacy





Tritanopia
21747D

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 3E69AF 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 #3E69AF looks like.

```
.text, #text, p{  
    color:#3E69AF  
}
```

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 #3E69AF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3E69AF
}
```

Border

The CSS property to change the border of an element to Hex 3E69AF 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
#3E69AF }
```

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

```
.border{ border-color:#3E69AF }
```

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

Here you see how a box with a 4 pixel #3E69AF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3E69AF; -webkit-box-shadow:4px 4px  
4px 4px #3E69AF; box-shadow:4px 4px 4px  
4px #3E69AF }
```

Background

The CSS property to change the background color of an element to Hex 3E69AF is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3E69AF }
```

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

```
.background{ background-color:#3E69AF }
```

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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