

Converting Colors

Hex(3E6AC6)

Have a look what the booklet for
Hex(3E6AC6) contains.

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Color

Hex(3E6AC6)

Conversions

Conversions Part 1

Format	Color
Hex	3E6AC6
RGB	62, 106, 198
RGB Percent	24%, 42%, 78%
CMY	0.7569, 0.5843, 0.2235
CMYK	0.69, 0.46, 0.00, 0.22
HSL	221°, 54%, 51%
HSV	221°, 69%, 78%
XYZ	17.3337, 15.4094, 55.4868
YIQ	103.3320, -55.7560, 19.2840

Conversions

Conversions Part 2

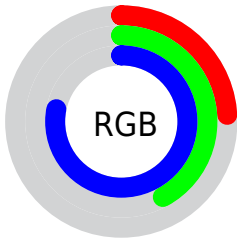
Format	Color
RYB	62, 95, 198
Decimal	4090566
CIELab	46.19, 15.48, -52.53
CIELCh	46, 54.760, 286.425
Yxy	15.4094, 0.1965, 0.1747
Android (android.graphics.Color)	4282280646 (0xFF3E6AC6)
YUV	103.3320, 46.6713, -36.2482
Hunter-Lab	39.2548, 10.1240, -56.3282

Details

The Hex color **3E6AC6** is a dark color, and the websafe version is hex **3366CC**. The color can be described as dark muted azure. A complement of this color would be **C69A3E**, and the grayscale version is **676767**.

A 20% lighter version of the original color is **7C9DFF**, and **003C8F** is the 20% darker color. If you saturate the color by 10%, you get **2A5DC6**, and if you desaturate by 10%, it is **5277C6**.

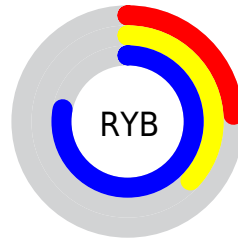
Distribution



Red (24%)

Green (42%)

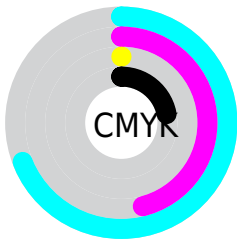
Blue (78%)



Red (24%)

Yellow (37%)

Blue (78%)

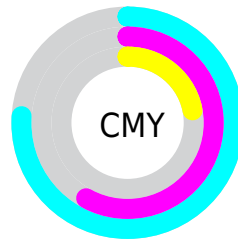


Cyan (69%)

Magenta (46%)

Yellow (0%)

Black (22%)



Cyan (76%)

Magenta (58%)

Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the Hex color 3E6AC6 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 3E6AC6 by changing the saturation by 10% instead.

 3E6AC6

 3E6AC6

FFFFFF

 1252AA

 7C9DFF

 003C8F

 99B8FF

 002775

 B7D3FF

 00145C

 D5EFFF

 000744

 F3FFFF

 00032C

 000117

 000000

 3E6AC6

 3E6AC6

■ 2A5DC6

■ 5277C6

■ 164FC6

■ 6685C6

■ 0342C6

■ 7992C6

■ 0040C6

■ 8DA0C6

■ A1ADC6

■ B5BAC6

■ C9C8C6

■ DCD5C6

■ F0E3C6

Harmonies

Analogous

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



0079C7



3E6AC6



8F55AD

Triad

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



3E6AC6



B2502C



008156

Complementary

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



3E6AC6



C69A3E

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.



347C29



3E6AC6



956402

Square

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



3E6AC6



BF4056



6C7300



008386

Rectangle

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



3E6AC6



AC4793



6C7300



008047

Sweetspot

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



3E6AC6



C9DBFF



3EC699



606A80



000000



808080

Same Dimension

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



3E6AC6



2E72FF



553EC6



5A5D63



0035A3



000C24

Inverse Universe

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



C63E6A



FF2E72



AFC63E



635A5D



A30035



24000C

Previews

White Background



This preview shows how the Hex color 3E6AC6 looks on a white background.

Color Contrast Check

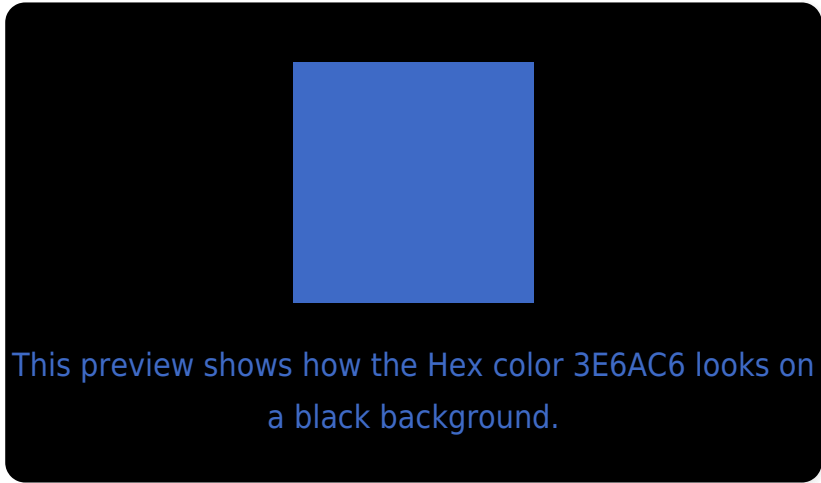
Large Text (above 18pt) WCAG AA ✓ Pass

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

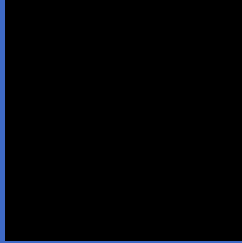
Any Text WCAG AA × Fail

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 3E6AC6 Background



This preview shows how black text looks on a background with the Hex color 3E6AC6.



This preview shows how white text looks on a background with the Hex color 3E6AC6.

Color Blindness Simulation

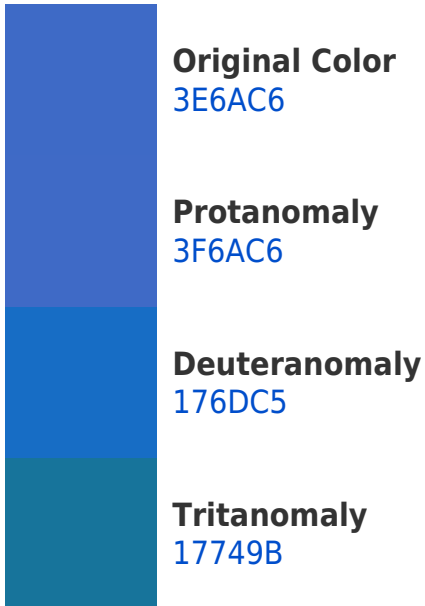
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy





Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 3E6AC6 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 #3E6AC6 looks like.

```
.text, #text, p{  
    color:#3E6AC6  
}
```

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 #3E6AC6 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3E6AC6
}
```

Border

The CSS property to change the border of an element to Hex 3E6AC6 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
#3E6AC6 }
```

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

```
.border{ border-color:#3E6AC6 }
```

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

Here you see how a box with a 4 pixel #3E6AC6 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3E6AC6; -webkit-box-shadow:4px 4px  
4px 4px #3E6AC6; box-shadow:4px 4px 4px  
4px #3E6AC6 }
```

Background

The CSS property to change the background color of an element to Hex 3E6AC6 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3E6AC6 }
```

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

```
.background{ background-color:#3E6AC6 }
```

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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