

Converting Colors

Hex(3B4386)

Have a look what the booklet for
Hex(3B4386) contains.

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Color

Hex(3B4386)

Conversions

Conversions Part 1

Format	Color
Hex	3B4386
RGB	59, 67, 134
RGB Percent	23%, 26%, 53%
CMY	0.7686, 0.7373, 0.4745
CMYK	0.56, 0.50, 0.00, 0.47
HSL	234°, 39%, 38%
HSV	234°, 56%, 53%
XYZ	8.1139, 6.6653, 23.4131
YIQ	72.2460, -26.2750, 19.1410

Conversions

Conversions Part 2

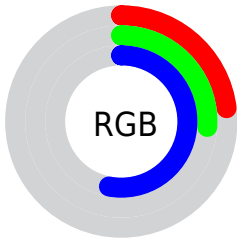
Format	Color
RYB	59, 66, 134
Decimal	3883910
CIELab	31.03, 17.43, -38.73
CIElCh	31, 42.471, 294.231
Yxy	6.6653, 0.2124, 0.1745
Android (android.graphics.Color)	4282073990 (0xFF3B4386)
YUV	72.2460, 30.4447, -11.6167
Hunter-Lab	25.8173, 10.9186, -35.6966

Details

The Hex color **3B4386** is a dark color, and the websafe version is hex **333366**. A complement of this color would be **867E3B**, and the grayscale version is **484848**.

A 20% lighter version of the original color is **7073BC**, and **001954** is the 20% darker color. If you saturate the color by 10%, you get **2E3786**, and if you desaturate by 10%, it is **484F86**.

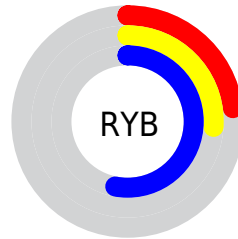
Distribution



Red (23%)

Green (26%)

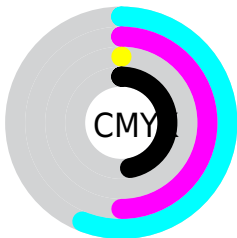
Blue (53%)



Red (23%)

Yellow (26%)

Blue (53%)

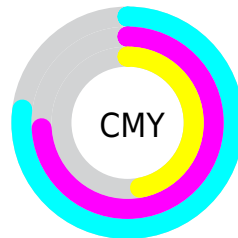


Cyan (56%)

Magenta (50%)

Yellow (0%)

Black (47%)



Cyan (77%)

Magenta (74%)

Yellow (47%)

Brightness & Saturation Gradients

These gradients show how the Hex color 3B4386 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 3B4386 by changing the saturation by 10% instead.

■ 3B4386

■ 3B4386

FFFFFF

■ 1F2D6C

■ 7073BC

■ 001954

■ 8B8CD8

■ 00003C

■ A7A7F4

■ 000225

■ C3C2FF

■ 00010E

■ DFDEFF

■ 000000

■ FDFAFF

■ 3B4386

■ 3B4386

■ 2E3786

■ 484F86

■ 202B86

■ 565B86

■ 131F86

■ 636786

■ 051386

■ 717386

■ 000E86

■ 7E7F86

■ 8B8B86

■ 999786

■ A6A386

■ B4AF86

Harmonies

Analogous

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



004F8B



3B4386



6B3370

Triad

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



3B4386



763712



005841

Complementary

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



3B4386



867E3B

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.



09551F



3B4386



5E4500

Square

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



3B4386



832A30



3F4F00



005863

Rectangle

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



3B4386



7B2A5C



3F4F00



005736

Sweetspot

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



3B4386



9093AD



3B867D



454757



D6D6D6



575757

Same Dimension

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



3B4386



3946AD



583B86



3C3C42



000E82



000003

Inverse Universe

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



863B43



AD3946



69863B



423C3C



82000E



030000

Previews

White Background



This preview shows how the Hex color 3B4386 looks on a white background.

Color Contrast Check

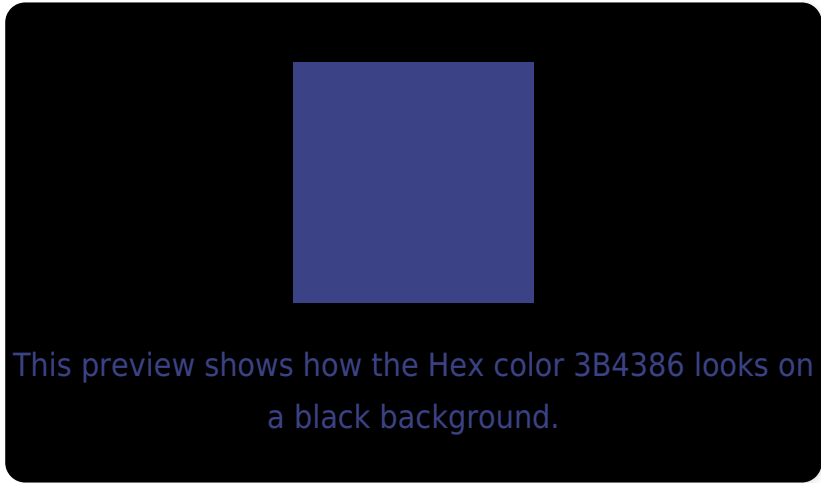
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

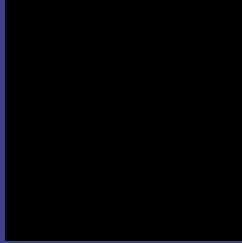
Any Text WCAG AA × Fail

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 3B4386 Background



This preview shows how black text looks on a background with the Hex color 3B4386.

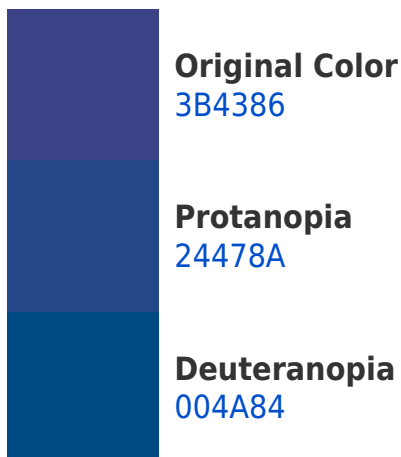


This preview shows how white text looks on a background with the Hex color 3B4386.

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
284F55

Trichromacy



Original Color
3B4386

Protanomaly
2C4689

Deuteranomaly
154785

Tritanomaly
2F4B67

Monochromacy



Original Color
3B4386

Achromatopsia
484848

Achromatomaly
43465F

CSS Examples

Text

The CSS property to change the color of the text to Hex 3B4386 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 #3B4386 looks like.

```
.text, #text, p{  
    color:#3B4386  
}
```

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 #3B4386 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3B4386
}
```

Border

The CSS property to change the border of an element to Hex 3B4386 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
#3B4386 }
```

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

```
.border{ border-color:#3B4386 }
```

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

Here you see how a box with a 4 pixel #3B4386 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3B4386; -webkit-box-shadow:4px 4px  
4px 4px #3B4386; box-shadow:4px 4px 4px  
4px #3B4386 }
```

Background

The CSS property to change the background color of an element to Hex 3B4386 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3B4386 }
```

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

```
.background{ background-color:#3B4386 }
```

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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