

Converting Colors

Hex(3737A6)

Have a look what the booklet for
Hex(3737A6) contains.

Hex(3737A6)	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(3737A6)

Conversions

Conversions Part 1

Format	Color
Hex	3737A6
RGB	55, 55, 166
RGB Percent	22%, 22%, 65%
CMY	0.7843, 0.7843, 0.3490
CMYK	0.67, 0.67, 0.00, 0.35
HSL	240°, 50%, 43%
HSV	240°, 67%, 65%
XYZ	9.8247, 6.2978, 36.7742
YIQ	67.6540, -35.6310, 34.5210

Conversions

Conversions Part 2

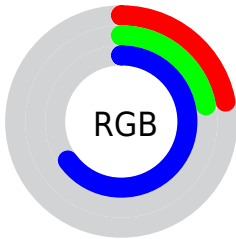
Format	Color
RYB	55, 55, 166
Decimal	3618726
CIELab	30.15, 35.73, -59.71
CIElCh	30, 69.581, 300.893
Yxy	6.2978, 0.1857, 0.1191
Android (android.graphics.Color)	4281808806 (0xFF3737A6)
YUV	67.6540, 48.4846, -11.0976
Hunter-Lab	25.0954, 25.9647, -69.3154

Details

The Hex color **3737A6** is a dark color, and the websafe version is hex **333399**. A complement of this color would be **A6A637**, and the grayscale version is **434343**.

A 20% lighter version of the original color is **7366DE**, and **000D71** is the 20% darker color. If you saturate the color by 10%, you get **2626A6**, and if you desaturate by 10%, it is **4848A6**.

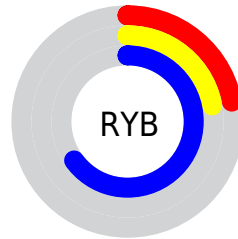
Distribution



Red (22%)

Green (22%)

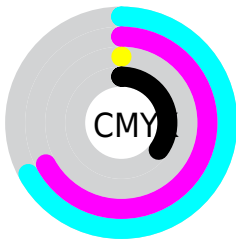
Blue (65%)



Red (22%)

Yellow (22%)

Blue (65%)

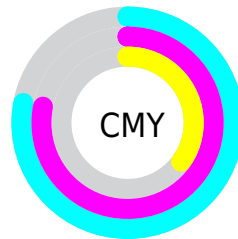


Cyan (67%)

Magenta (67%)

Yellow (0%)

Black (35%)



Cyan (78%)

Magenta (78%)

Yellow (35%)

Brightness & Saturation Gradients

These gradients show how the Hex color 3737A6 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 3737A6 by changing the saturation by 10% instead.

■ 3737A6

■ 3737A6

FFFFFF

■ 0B218B

■ 7366DE

■ 000D71

■ 9080FB

■ 000058

■ AD9AFF

■ 00063F

■ CBB5FF

■ 000328

■ E8D0FF

■ 000112

■ FFEDFF

■ 000000

■ 3737A6

■ 3737A6

■ 2626A6

■ 4848A6

■ 1616A6

■ 5858A6

■ 0505A6

■ 6969A6

■ 0000A6

■ 7979A6

■ 8A8AA6

■ 9B9BA6

■ ABABA6

■ BCBCA6

■ CCCCCA6

Harmonies

Analogous

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



004FB6



3737A6



85007D

Triad

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



3737A6



7F2C00



005B47

Complementary

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



3737A6



A6A637

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.



005907



3737A6



564600

Square

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



3737A6



9A0013



1A5300



005C7E

Rectangle

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



3737A6



9A005A



1A5300



005B34

Sweetspot

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



3737A6



ADADD9



37A6A6



53536E



EDEDED



6E6E6E

Same Dimension

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



3737A6



2B2BD9



6E37A6



4C4C54



000094



000014

Inverse Universe

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



A637A6



D92BD9



6EA637



544C54



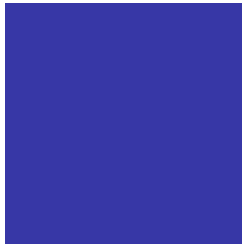
940094



140014

Previews

White Background



This preview shows how the Hex color 3737A6 looks on a white background.

Color Contrast Check

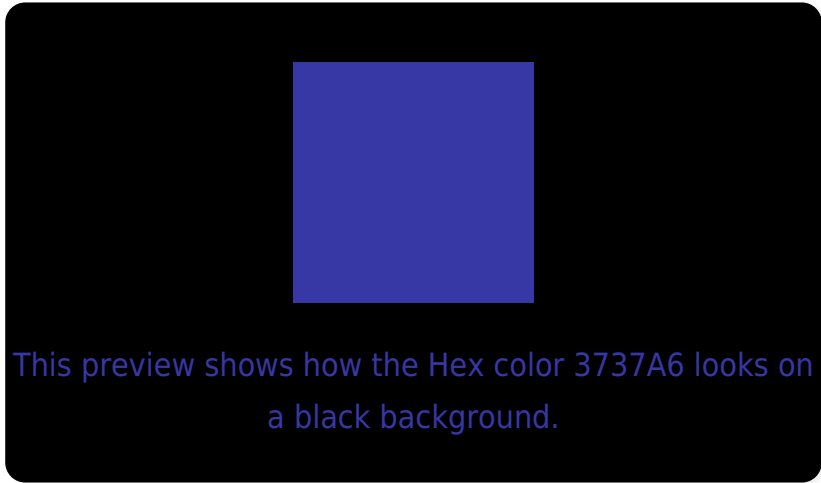
Large Text (above 18pt) WCAG AA ✓ Pass

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

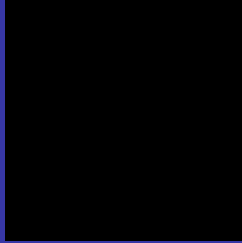
Any Text WCAG AA × Fail

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 3737A6 Background



This preview shows how black text looks on a background with the Hex color 3737A6.

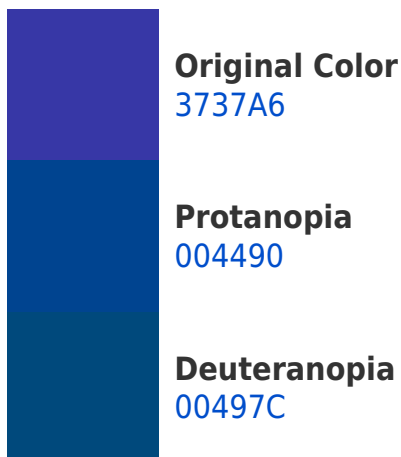


This preview shows how white text looks on a background with the Hex color 3737A6.

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
004F55

Trichromacy



Original Color
3737A6

Protanomaly
143F98

Deuteranomaly
14428B

Tritanomaly
144672

Monochromacy



Original Color
3737A6

Achromatopsia
444444

Achromatomaly
3F3F68

CSS Examples

Text

The CSS property to change the color of the text to Hex 3737A6 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 #3737A6 looks like.

```
.text, #text, p{  
    color:#3737A6  
}
```

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 #3737A6 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3737A6
}
```

Border

The CSS property to change the border of an element to Hex 3737A6 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".

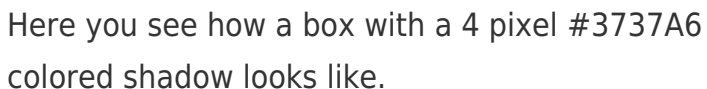
```
.border, #border, table{ border:4px solid
#3737A6 }
```

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

```
.border{ border-color:#3737A6 }
```

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

Here you see how a box with a 4 pixel #3737A6 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 4px offset to the right and bottom of the box.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3737A6; -webkit-box-shadow:4px 4px  
4px 4px #3737A6; box-shadow:4px 4px 4px  
4px #3737A6 }
```

Background

The CSS property to change the background color of an element to Hex 3737A6 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3737A6 }
```

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

```
.background{ background-color:#3737A6 }
```

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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