

Converting Colors

Hex(3D3F87)

Have a look what the booklet for
Hex(3D3F87) contains.

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Color

Hex(3D3F87)

Conversions

Conversions Part 1

Format	Color
Hex	3D3F87
RGB	61, 63, 135
RGB Percent	24%, 25%, 53%
CMY	0.7608, 0.7529, 0.4706
CMYK	0.55, 0.53, 0.00, 0.47
HSL	238°, 38%, 38%
HSV	238°, 55%, 53%
XYZ	8.0751, 6.2964, 23.7114
YIQ	70.6100, -24.3040, 21.9680

Conversions

Conversions Part 2

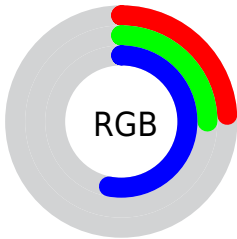
Format	Color
R_{YB}	61, 63, 135
Decimal	4013959
CIE _{Lab}	30.15, 20.89, -40.76
CIE _{LCh}	30, 45.803, 297.137
Yxy	6.2964, 0.2120, 0.1653
Android (android.graphics.Color)	4282204039 (0xFF3D3F87)
YUV	70.6100, 31.7443, -8.4280
Hunter-Lab	25.0926, 13.5318, -38.4616

Details

The Hex color **3D3F87** is a dark color, and the websafe version is hex **333366**. A complement of this color would be **87853D**, and the grayscale version is **464646**.

A 20% lighter version of the original color is **726FBD**, and **001554** is the 20% darker color. If you saturate the color by 10%, you get **303287**, and if you desaturate by 10%, it is **4B4C87**.

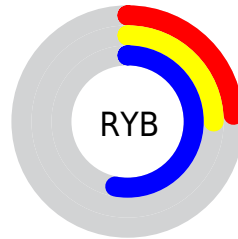
Distribution



Red (24%)

Green (25%)

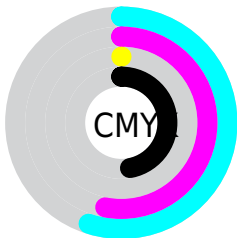
Blue (53%)



Red (24%)

Yellow (25%)

Blue (53%)

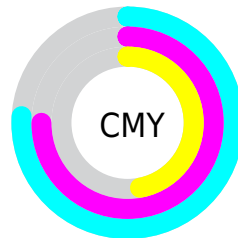


Cyan (55%)

Magenta (53%)

Yellow (0%)

Black (47%)



Cyan (76%)

Magenta (75%)

Yellow (47%)

Brightness & Saturation Gradients

These gradients show how the Hex color 3D3F87 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 3D3F87 by changing the saturation by 10% instead.



3D3F87



3D3F87

FFFFFF



21296D



726FBD



001554



8D88D9



00003D



A9A2F6



000326



C5BDFF



00010F



E2D9FF



000000



FFF5FF



3D3F87



3D3F87



303287



4B4C87

■ 222587

■ 585987

■ 151887

■ 666687

■ 070A87

■ 737487

■ 000487

■ 818187

■ 8E8E87

■ 9C9B87

■ A9A887

■ B7B587

Harmonies

Analogous

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



004C8F



3D3F87



6E2D6E

Triad

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



3D3F87



743506



005742

Complementary

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



3D3F87



87853D

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.



00541D



3D3F87



5A4400

Square

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



3D3F87



832429



374E00



005767

Rectangle

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



3D3F87



7E2258



374E00



005636

Sweetspot

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



3D3F87



9495B0



3D8785



484959



D9D9D9



595959

Same Dimension

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



3D3F87



3C3FB0



603D87



3C3C42



000482



000003

Inverse Universe

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



873D3F



B03C3F



64873D



423C3C



820004



030000

Previews

White Background



This preview shows how the Hex color 3D3F87 looks on a white background.

Color Contrast Check

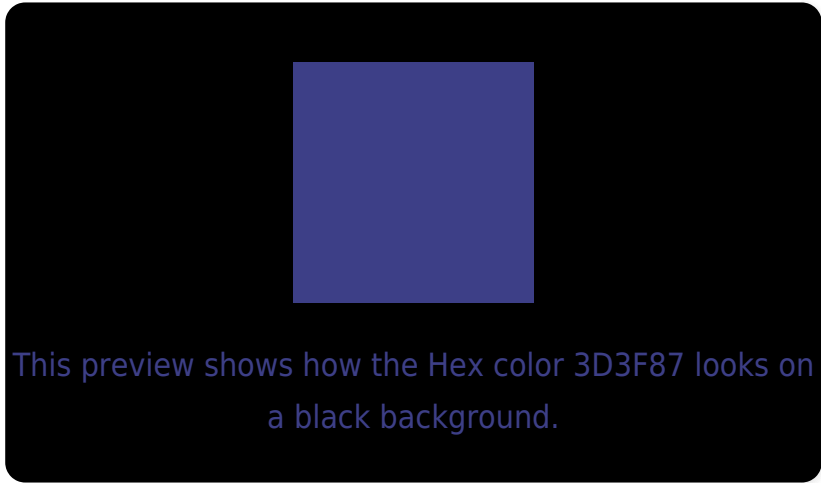
Large Text (above 18pt) WCAG AA ✓ Pass

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

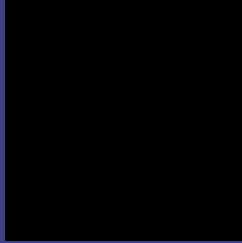
Any Text WCAG AA × Fail

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 3D3F87 Background



This preview shows how black text looks on a background with the Hex color 3D3F87.



This preview shows how white text looks on a background with the Hex color 3D3F87.

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



Original Color
3D3F87

Protanopia
18458D

Deuteranopia
00487F

Trichromacy



Original Color
3D3F87

Protanomaly
25438B

Deuteranomaly
164582

Tritanomaly
314765

Monochromacy



Original Color
3D3F87

Achromatopsia
474747

Achromatomaly
43445E

CSS Examples

Text

The CSS property to change the color of the text to Hex 3D3F87 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 #3D3F87 looks like.

```
.text, #text, p{  
    color:#3D3F87  
}
```

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 #3D3F87 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3D3F87
}
```

Border

The CSS property to change the border of an element to Hex 3D3F87 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
#3D3F87 }
```

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

```
.border{ border-color:#3D3F87 }
```

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

Here you see how a box with a 4 pixel #3D3F87 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3D3F87; -webkit-box-shadow:4px 4px  
4px 4px #3D3F87; box-shadow:4px 4px 4px  
4px #3D3F87 }
```

Background

The CSS property to change the background color of an element to Hex 3D3F87 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3D3F87 }
```

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

```
.background{ background-color:#3D3F87 }
```

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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