

Converting Colors

Hex(3D3A83)

Have a look what the booklet for
Hex(3D3A83) contains.

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Color

Hex(3D3A83)

Conversions

Conversions Part 1

Format	Color
Hex	3D3A83
RGB	61, 58, 131
RGB Percent	24%, 23%, 51%
CMY	0.7608, 0.7725, 0.4863
CMYK	0.53, 0.56, 0.00, 0.49
HSL	242°, 39%, 37%
HSV	242°, 56%, 51%
XYZ	7.5343, 5.6569, 22.1675
YIQ	67.2190, -21.6450, 23.3390

Conversions

Conversions Part 2

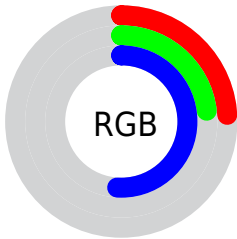
Format	Color
R_{YB}	61, 58, 131
Decimal	4012675
CIE _{Lab}	28.53, 22.85, -40.88
CIE _{LCh}	29, 46.832, 299.199
Yxy	5.6569, 0.2131, 0.1600
Android (android.graphics.Color)	4282202755 (0xFF3D3A83)
YUV	67.2190, 31.4440, -5.4541
Hunter-Lab	23.7842, 14.9219, -38.6108

Details

The Hex color **3D3A83** is a dark color, and the websafe version is hex **333366**. A complement of this color would be **80833A**, and the grayscale version is **434343**.

A 20% lighter version of the original color is **7269B9**, and **001051** is the 20% darker color. If you saturate the color by 10%, you get **302D83**, and if you desaturate by 10%, it is **4A4783**.

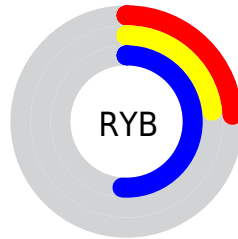
Distribution



Red (24%)

Green (23%)

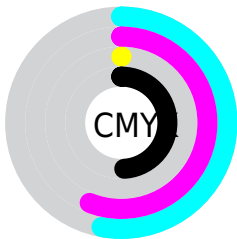
Blue (51%)



Red (24%)

Yellow (23%)

Blue (51%)

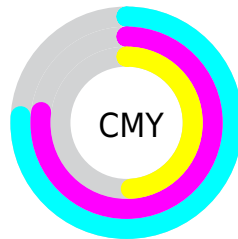


Cyan (53%)

Magenta (56%)

Yellow (0%)

Black (49%)



Cyan (76%)

Magenta (77%)

Yellow (49%)

Brightness & Saturation Gradients

These gradients show how the Hex color 3D3A83 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 3D3A83 by changing the saturation by 10% instead.

■ 3D3A83

■ 3D3A83

FFFFFF

■ 212469

■ 7269B9

■ 001051

■ 8D82D5

■ 000039

■ A99DF1

■ 000223

■ C5B7FF

■ 000009

■ E1D3FF

■ 000000

■ FFEFFF

■ 3D3A83

■ 3D3A83

■ 302D83

■ 4A4783

■ 242083

■ 565483

■ 171383

■ 636183

■ 0B0683

■ 6F6E83

■ 050083

■ 7C7B83

■ 888983

■ 959683

■ A1A383

■ AEB083

Harmonies

Analogous

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



00488C



3D3A83



6D2669

Triad

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



3D3A83



6F3200



005341

Complementary

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



3D3A83



80833A

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.



00501B



3D3A83



544100

Square

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



3D3A83



7F1F22



304B00



005366

Rectangle

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



3D3A83



7C1A52



304B00



005235

Sweetspot

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



3D3A83



8F8EAB



3A8183



464557



D6D6D6



575757

Same Dimension

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



3D3A83



3D38AB



613A83



3C3C42



050082



000003

Inverse Universe

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



833A80



AB38A6



5C833A



423C42



82007D



030002

Previews

White Background



This preview shows how the Hex color 3D3A83 looks on a white background.

Color Contrast Check

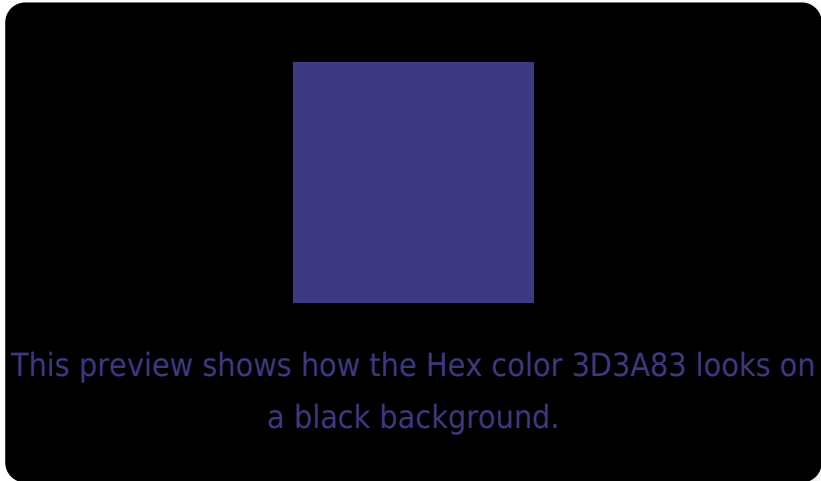
Large Text (above 18pt) WCAG AA ✓ Pass

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

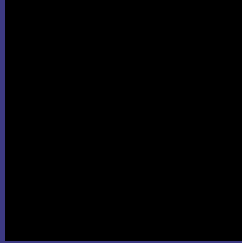
Any Text WCAG AA × Fail

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 3D3A83 Background



This preview shows how black text looks on a background with the Hex color 3D3A83.



This preview shows how white text looks on a background with the Hex color 3D3A83.

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
3D3A83

Protanopia
00418A

Deuteranopia
004578



Tritanopia
2B484E

Trichromacy



Original Color
3D3A83

Protanomaly
163E87

Deuteranomaly
16417C

Tritanomaly
324361

Monochromacy



Original Color
3D3A83

Achromatopsia
434343

Achromatomaly
41405A

CSS Examples

Text

The CSS property to change the color of the text to Hex 3D3A83 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 #3D3A83 looks like.

```
.text, #text, p{  
    color:#3D3A83  
}
```

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 #3D3A83 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3D3A83
}
```

Border

The CSS property to change the border of an element to Hex 3D3A83 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
#3D3A83 }
```

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

```
.border{ border-color:#3D3A83 }
```

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

Here you see how a box with a 4 pixel #3D3A83 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3D3A83; -webkit-box-shadow:4px 4px  
4px 4px #3D3A83; box-shadow:4px 4px 4px  
4px #3D3A83 }
```

Background

The CSS property to change the background color of an element to Hex 3D3A83 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3D3A83 }
```

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

```
.background{ background-color:#3D3A83 }
```

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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