

Converting Colors

Hex(3D467E)

Have a look what the booklet for
Hex(3D467E) contains.

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Color

Hex(3D467E)

Conversions

Conversions Part 1

Format	Color
Hex	3D467E
RGB	61, 70, 126
RGB Percent	24%, 27%, 49%
CMY	0.7608, 0.7255, 0.5059
CMYK	0.52, 0.44, 0.00, 0.51
HSL	232°, 35%, 37%
HSV	232°, 52%, 49%
XYZ	7.8805, 6.8788, 20.6511
YIQ	73.6930, -23.3400, 15.5080

Conversions

Conversions Part 2

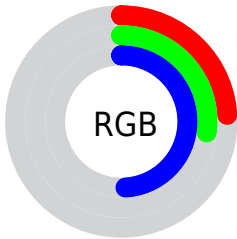
Format	Color
RYB	61, 69, 126
Decimal	4015742
CIELab	31.53, 13.16, -32.96
CIELCh	32, 35.492, 291.762
Yxy	6.8788, 0.2225, 0.1943
Android (android.graphics.Color)	4282205822 (0xFF3D467E)
YUV	73.6930, 25.7874, -11.1318
Hunter-Lab	26.2274, 7.7357, -28.3248

Details

The Hex color **3D467E** is a dark color, and the websafe version is hex **333366**. A complement of this color would be **7E753D**, and the grayscale version is **494949**.

A 20% lighter version of the original color is **7176B3**, and **021B4C** is the 20% darker color. If you saturate the color by 10%, you get **303B7E**, and if you desaturate by 10%, it is **4A517E**.

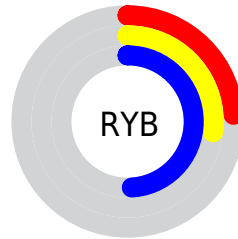
Distribution



 Red (24%)

 Green (27%)

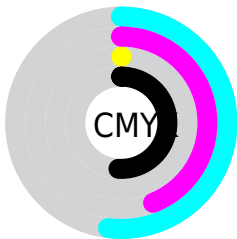
 Blue (49%)




 Red (24%)

 Yellow (27%)

 Blue (49%)

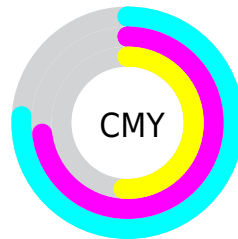


 Cyan (52%)

 Magenta (44%)

 Yellow (0%)

 Black (51%)



 Cyan (76%)

 Magenta (73%)

 Yellow (51%)

Brightness & Saturation Gradients

These gradients show how the Hex color 3D467E 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 3D467E by changing the saturation by 10% instead.

■ 3D467E

■ 3D467E

FFFFFF

■ 233065

■ 7176B3

■ 021B4C

■ 8B90CF

■ 000035

■ A7AAEB

■ 00021F

■ C2C5FF

■ 000003

■ DFE1FF

■ 000000

■ FCFEFF

■ 3D467E

■ 3D467E

■ 303B7E

■ 4A517E

■ 24307E

■ 565C7E

■ 17257E

■ 63677E

■ 0B1B7E

■ 6F717E

■ 00117E

■ 7C7C7E

■ 89877E

■ 95927E

■ A29D7E

■ AEA87E

Harmonies

Analogous

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



005081



3D467E



643A6D

Triad

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



3D467E



733B1F



005741

Complementary

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



3D467E



7E753D

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.



225426



3D467E



5F460F

Square

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



3D467E



7D3237



454F12



00585E

Rectangle

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



3D467E



74335C



454F12



005638

Sweetspot

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



3D467E



8B8EA3



3D7E74



434552



D1D1D1



525252

Same Dimension

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



3D467E



3E4CA3



543D7E



393A40



001280



000000

Inverse Universe

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



7E3D46



A33E4C



677E3D



40393A



800012



000000

Previews

White Background



This preview shows how the Hex color 3D467E looks on a white background.

Color Contrast Check

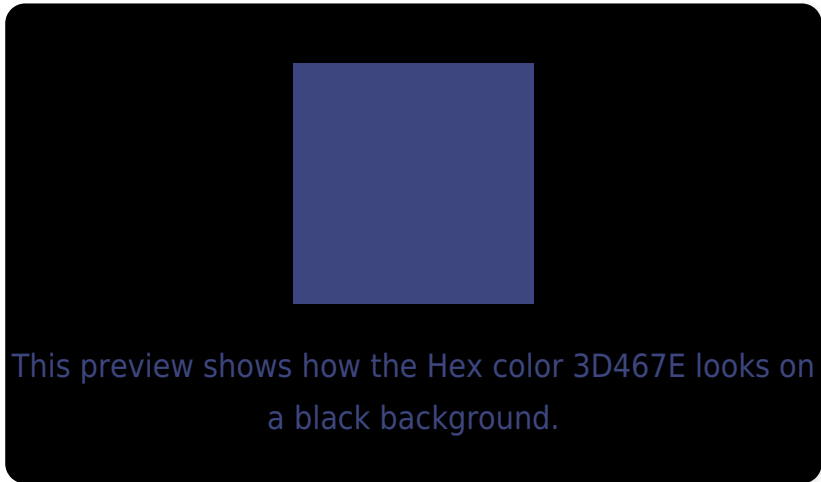
Large Text (above 18pt) WCAG AA ✓ Pass

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

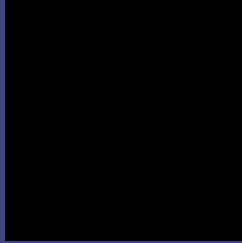
Any Text WCAG AA × Fail

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 3D467E Background



This preview shows how black text looks on a background with the Hex color 3D467E.



This preview shows how white text looks on a background with the Hex color 3D467E.

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
3D467E

Protanopia
314880

Deuteranopia
274B7D



Tritanopia
304F55

Trichromacy



Original Color

3D467E

Protanomaly

35477F

Deuteranomaly

2F497D

Tritanomaly

354C64

Monochromacy



Original Color

3D467E

Achromatopsia

4A4A4A

Achromatomaly

45495D

CSS Examples

Text

The CSS property to change the color of the text to Hex 3D467E 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 #3D467E looks like.

```
.text, #text, p{  
    color:#3D467E  
}
```

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 #3D467E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3D467E
}
```

Border

The CSS property to change the border of an element to Hex 3D467E 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
#3D467E }
```

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

```
.border{ border-color:#3D467E }
```

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

Here you see how a box with a 4 pixel #3D467E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3D467E; -webkit-box-shadow:4px 4px  
4px 4px #3D467E; box-shadow:4px 4px 4px  
4px #3D467E }
```

Background

The CSS property to change the background color of an element to Hex 3D467E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3D467E }
```

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

```
.background{ background-color:#3D467E }
```

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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