

Converting Colors

Hex(4D3E90)

Have a look what the booklet for
Hex(4D3E90) contains.

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Color

Hex(4D3E90)

Conversions

Conversions Part 1

Format	Color
Hex	4D3E90
RGB	77, 62, 144
RGB Percent	30%, 24%, 56%
CMY	0.6980, 0.7569, 0.4353
CMYK	0.47, 0.57, 0.00, 0.44
HSL	251°, 40%, 40%
HSV	251°, 57%, 56%
XYZ	9.8172, 7.0366, 27.2263
YIQ	75.8330, -17.3820, 28.6820

Conversions

Conversions Part 2

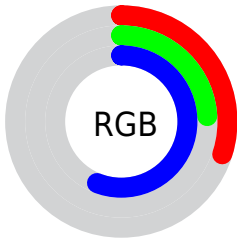
Format	Color
R_{YB}	77, 62, 144
Decimal	5062288
CIE _{Lab}	31.89, 28.17, -43.43
CIE _{LCh}	32, 51.769, 302.970
Yxy	7.0366, 0.2227, 0.1596
Android (android.graphics.Color)	4283252368 (0xFF4D3E90)
YUV	75.8330, 33.6063, 1.0235
Hunter-Lab	26.5267, 19.6392, -42.2851

Details

The Hex color **4D3E90** is a dark color, and the websafe version is hex **333399**. A complement of this color would be **81903E**, and the grayscale version is **4C4C4C**.

A 20% lighter version of the original color is **826EC6**, and **14135D** is the 20% darker color. If you saturate the color by 10%, you get **413090**, and if you desaturate by 10%, it is **594C90**.

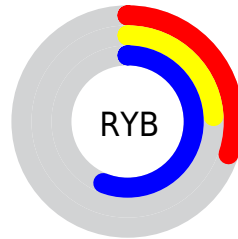
Distribution



Red (30%)

Green (24%)

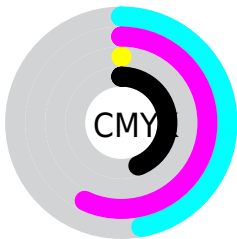
Blue (56%)



Red (30%)

Yellow (24%)

Blue (56%)

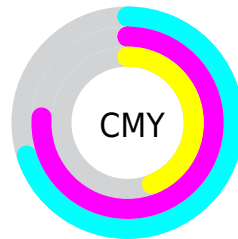


Cyan (47%)

Magenta (57%)

Yellow (0%)

Black (44%)



Cyan (70%)

Magenta (76%)

Yellow (44%)

Brightness & Saturation Gradients

These gradients show how the Hex color 4D3E90 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 4D3E90 by changing the saturation by 10% instead.

■ 4D3E90

■ 4D3E90

FFFFFF

■ 322876

■ 826EC6

■ 14135D

■ 9E88E3

■ 000045

■ BAA2FF

■ 00032D

■ D6BDFF

■ 000118

■ F3D9FF

■ 000000

■ FFF5FF

■ 4D3E90

■ 4D3E90

■ 413090

■ 594C90

■ 352190

■ 655B90

■ 2A1390

■ 706990

■ 1E0490

■ 7C7890

■ 1A0090

■ 888690

■ 949490

■ 9FA390

■ ABB190

■ B7C090

Harmonies

Analogous

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



004F9D



4D3E90



7E2771

Triad

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



4D3E90



783A00



005C4E

Complementary

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



4D3E90



81903E

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.



005A23



4D3E90



594B00

Square

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



4D3E90



8D2421



2E5500



005C77

Rectangle

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



4D3E90



8D1956



2E5500



005C40

Sweetspot

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



4D3E90



A09BBA



3E8290



4F4B5E



DEDEDE



5E5E5E

Same Dimension

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



4D3E90



533CBA



753E90



424047



190087



010008

Inverse Universe

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



903E81



BA3CA3



59903E



474046



87006E



080006

Previews

White Background



This preview shows how the Hex color 4D3E90 looks on a white background.

Color Contrast Check

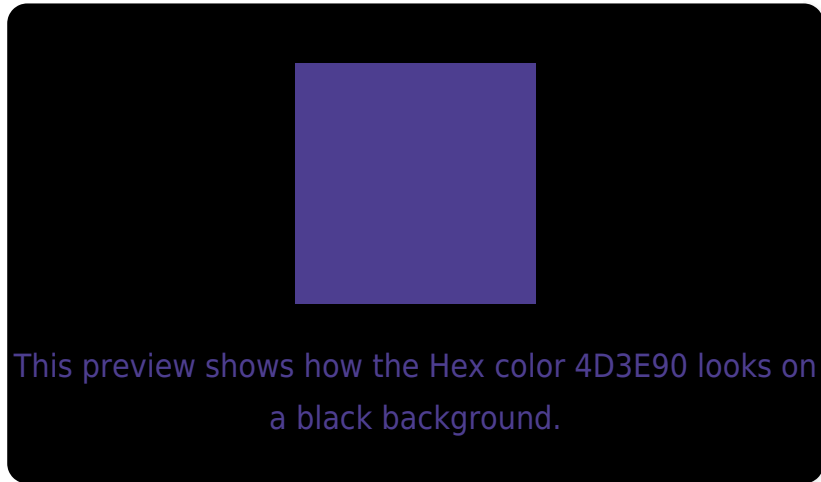
Large Text (above 18pt) WCAG AA ✓ Pass

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

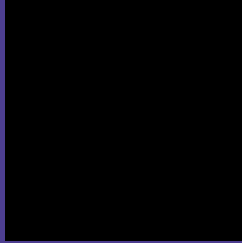
Any Text WCAG AA × Fail

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 4D3E90 Background



This preview shows how black text looks on a background with the Hex color 4D3E90.

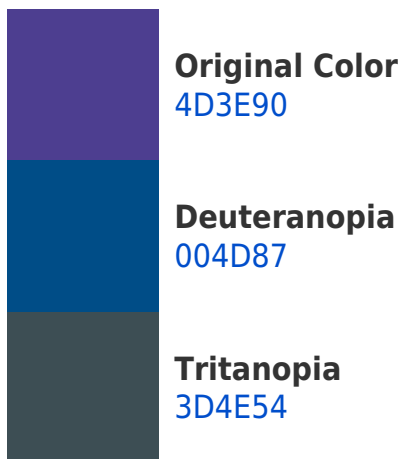


This preview shows how white text looks on a background with the Hex color 4D3E90.

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



Trichromacy



Original Color
4D3E90

Deuteranomaly
1C488A

Tritanomaly
43486A

Monochromacy



Original Color
4D3E90

Achromatopsia
4C4C4C

Achromatomaly
4C4765

CSS Examples

Text

The CSS property to change the color of the text to Hex 4D3E90 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 #4D3E90 looks like.

```
.text, #text, p{  
    color:#4D3E90  
}
```

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 #4D3E90 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4D3E90
}
```

Border

The CSS property to change the border of an element to Hex 4D3E90 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
#4D3E90 }
```

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

```
.border{ border-color:#4D3E90 }
```

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

Here you see how a box with a 4 pixel #4D3E90 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4D3E90; -webkit-box-shadow:4px 4px  
4px 4px #4D3E90; box-shadow:4px 4px 4px  
4px #4D3E90 }
```

Background

The CSS property to change the background color of an element to Hex 4D3E90 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4D3E90 }
```

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

```
.background{ background-color:#4D3E90 }
```

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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