

Converting Colors

Hex(4D3D92)

Have a look what the booklet for
Hex(4D3D92) contains.

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Color

Hex(4D3D92)

Conversions

Conversions Part 1

Format	Color
Hex	4D3D92
RGB	77, 61, 146
RGB Percent	30%, 24%, 57%
CMY	0.6980, 0.7608, 0.4275
CMYK	0.47, 0.58, 0.00, 0.43
HSL	251°, 41%, 41%
HSV	251°, 58%, 57%
XYZ	9.9176, 6.9906, 28.0207
YIQ	75.4740, -17.7490, 29.8270

Conversions

Conversions Part 2

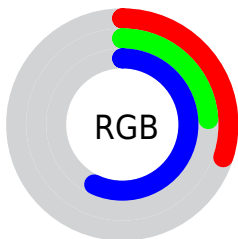
Format	Color
R _Y B	77, 61, 146
Decimal	5062034
CIE Lab	31.79, 29.42, -44.83
CIE LCh	32, 53.618, 303.278
Yxy	6.9906, 0.2207, 0.1556
Android (android.graphics.Color)	4283252114 (0xFF4D3D92)
YUV	75.4740, 34.7693, 1.3383
Hunter-Lab	26.4397, 20.6864, -44.3275

Details

The Hex color **4D3D92** is a dark color, and the websafe version is hex **333399**. A complement of this color would be **82923D**, and the grayscale version is **4B4B4B**.

A 20% lighter version of the original color is **836DC9**, and **13115F** is the 20% darker color. If you saturate the color by 10%, you get **412E92**, and if you desaturate by 10%, it is **594C92**.

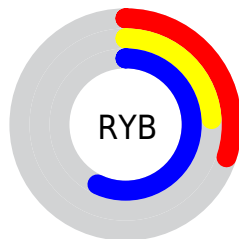
Distribution



 Red (30%)

 Green (24%)

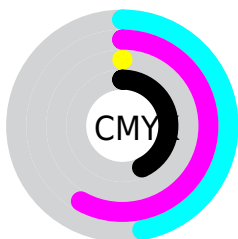
 Blue (57%)





 Red (30%)

 Yellow (24%)

 Blue (57%)

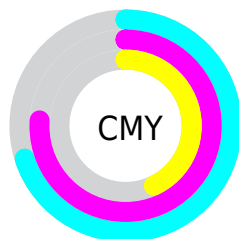



 Cyan (47%)

 Magenta (58%)

 Yellow (0%)

 Black (43%)



 Cyan (70%)

 Magenta (76%)

 Yellow (43%)

Brightness & Saturation Gradients

These gradients show how the Hex color 4D3D92 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 4D3D92 by changing the saturation by 10% instead.

 4D3D92

 4D3D92

FFFFFF

 322778


 836DC9

 13115F

 9E87E5

 000046

 BAA1FF

 00042F

 D7BCFF

 000119

 F4D8FF

 000000

 FFF4FF

 4D3D92

 4D3D92

 412E92

 594C92

■ 352092

■ 655A92

■ 291192

■ 716992

■ 1E0392

■ 7C7792

■ 1B0092

■ 888692

■ 949592

■ A0A392

■ ACB292

■ B8C092

Harmonies

Analogous

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



004FA0



4D3D92



7F2471

Triad

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



4D3D92



793900



005D4E

Complementary

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



4D3D92



82923D

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.



005A22



4D3D92



584B00

Square

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



4D3D92



8E221F



2B5500



005C78

Rectangle

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



4D3D92



8F1356



2B5500



005C40

Sweetspot

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



4D3D92



A39DBD



3D8292



4F4B5E



DEDEDE



5E5E5E

Same Dimension

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



4D3D92



5139BD



773D92



44434A



1A008A



02000A

Inverse Universe

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



923D82



BD39A4



58923D



4A4349



8A0070



0A0008

Previews

White Background



This preview shows how the Hex color 4D3D92 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

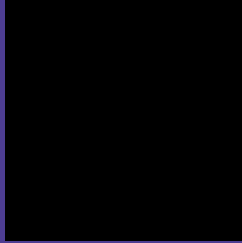
Any Text WCAG AA × Fail

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 4D3D92 Background



This preview shows how black text looks on a background with the Hex color 4D3D92.

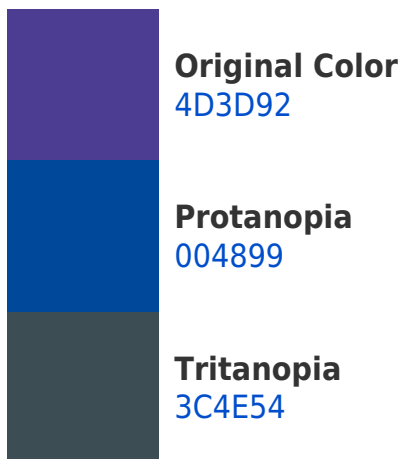


This preview shows how white text looks on a background with the Hex color 4D3D92.

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
4D3D92

Protanomaly
1C4496

Tritanomaly
42486B

Monochromacy



Original Color
4D3D92

Achromatopsia
4B4B4B

Achromatomaly
4C4665

CSS Examples

Text

The CSS property to change the color of the text to Hex 4D3D92 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 #4D3D92 looks like.

```
.text, #text, p{  
    color:#4D3D92  
}
```

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 #4D3D92 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4D3D92
}
```

Border

The CSS property to change the border of an element to Hex 4D3D92 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
#4D3D92 }
```

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

```
.border{ border-color:#4D3D92 }
```

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

Here you see how a box with a 4 pixel #4D3D92 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4D3D92; -webkit-box-shadow:4px 4px  
4px 4px #4D3D92; box-shadow:4px 4px 4px  
4px #4D3D92 }
```

Background

The CSS property to change the background color of an element to Hex 4D3D92 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4D3D92 }
```

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

```
.background{ background-color:#4D3D92 }
```

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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