

Converting Colors

Hex(4D4696)

Have a look what the booklet for
Hex(4D4696) contains.

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Color

Hex(4D4696)

Conversions

Conversions Part 1

Format	Color
Hex	4D4696
RGB	77, 70, 150
RGB Percent	30%, 27%, 59%
CMY	0.6980, 0.7255, 0.4118
CMYK	0.49, 0.53, 0.00, 0.41
HSL	245°, 36%, 43%
HSV	245°, 53%, 59%
XYZ	10.7557, 8.1601, 29.8623
YIQ	81.2130, -21.5080, 26.3640

Conversions

Conversions Part 2

Format	Color
R_{YB}	77, 70, 150
Decimal	5064342
CIE _{Lab}	34.31, 24.97, -43.19
CIE _{LCh}	34, 49.894, 300.036
Yxy	8.1601, 0.2205, 0.1673
Android (android.graphics.Color)	4283254422 (0xFF4D4696)
YUV	81.2130, 33.9120, -3.6948
Hunter-Lab	28.5659, 17.2192, -41.9847

Details

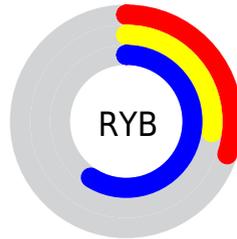
The Hex color **4D4696** is a dark color, and the websafe version is hex **333399**. A complement of this color would be **8F9646**, and the grayscale version is **515151**.

A 20% lighter version of the original color is **8376CD**, and **131A62** is the 20% darker color. If you saturate the color by 10%, you get **3F3796**, and if you desaturate by 10%, it is **5B5596**.

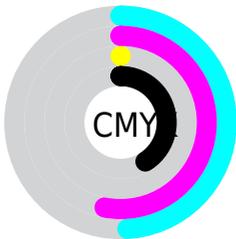
Distribution



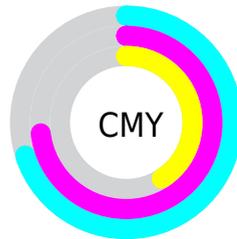
- Red (30%)
- Green (27%)
- Blue (59%)



- Red (30%)
- Yellow (27%)
- Blue (59%)



- Cyan (49%)
- Magenta (53%)
- Yellow (0%)
- Black (41%)



- Cyan (70%)
- Magenta (73%)
- Yellow (41%)

Brightness & Saturation Gradients

These gradients show how the Hex color 4D4696 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 4D4696 by changing the saturation by 10% instead.

■ 4D4696

■ 4D4696

FFFFFF

■ 32307C

■ 8376CD

■ 131A62

■ 9E90E9

■ 00044A

■ BAABFF

■ 000433

■ D7C6FF

■ 00021D

■ F4E2FF

■ 000000

■ 4D4696

■ 4D4696

■ 3F3796

■ 5B5596

■ 322896

■ 686496

■ 241996

■ 767396

■ 160A96

■ 848296

■ 0D0096

■ 919196

■ 9FA096

■ ADAF96

■ BBBE96

■ C8CD96

Harmonies

Analogous

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



0056A1



4D4696



7F3179

Triad

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



4D4696



803F04



006250

Complementary

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



4D4696



8F9646

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.



006026



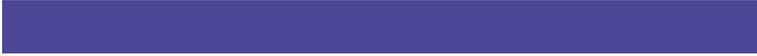
4D4696



624F00

Square

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



4D4696



932C2C



3B5A00



006278

Rectangle

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



4D4696



902660



3B5A00



006242

Sweetspot

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



4D4696



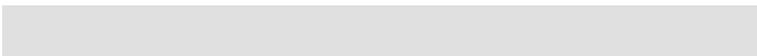
A6A3C2



468F96



504E61



E0E0E0



616161

Same Dimension

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



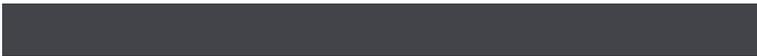
4D4696



5146C2



754696



43434A



0C008A



01000A

Inverse Universe

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



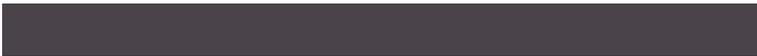
96468F



C246B7



679646



4A4349



8A007E



0A0009

Previews

White Background



This preview shows how the Hex color 4D696 looks on a white background.

Color Contrast Check

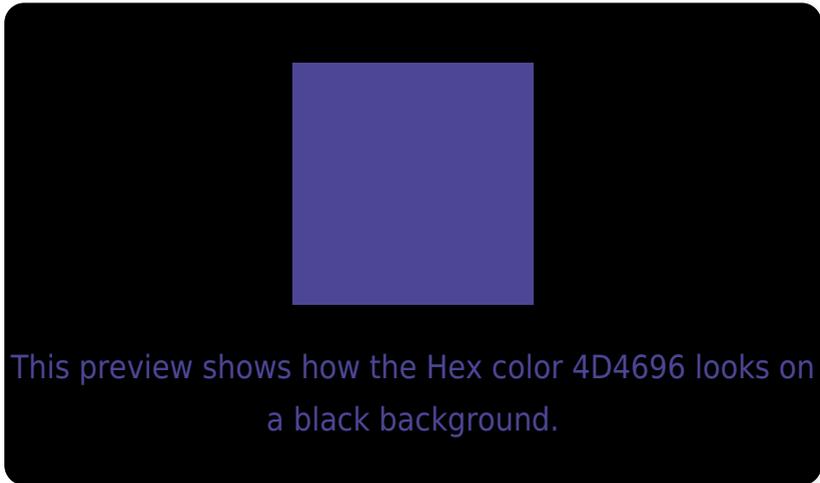
Large Text (above 18pt) WCAG AA ✓ Pass

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

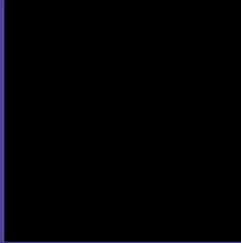
Any Text WCAG AA × Fail

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 4D4696 Background



This preview shows how black text looks on a background with the Hex color 4D4696.



This preview shows how white text looks on a background with the Hex color 4D4696.

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
4D4696

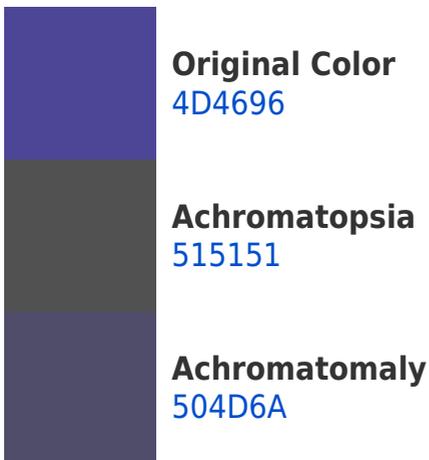
Protanopia
1F4E9E

Deuteranopia
005291

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 4D4696 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 #4D4696 looks like.

```
.text, #text, p{  
    color:#4D4696  
}
```

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 #4D4696 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4D4696
}
```

Border

The CSS property to change the border of an element to Hex 4D4696 is called "border". The border property can be set on classes, ids or directly on the HTML element.

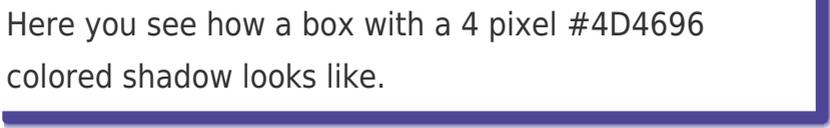
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#4D4696 }
```

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

```
.border{ border-color:#4D4696 }
```

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



Here you see how a box with a 4 pixel #4D4696 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4D4696; -webkit-box-shadow:4px 4px  
4px 4px #4D4696; box-shadow:4px 4px 4px  
4px #4D4696 }
```

Background

The CSS property to change the background color of an element to Hex 4D4696 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4D4696 }
```

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

```
.background{ background-color:#4D4696 }
```

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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