

Converting Colors

Hex(4D4887)

Have a look what the booklet for
Hex(4D4887) contains.

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Color

Hex(4D4887)

Conversions

Conversions Part 1

Format	Color
Hex	4D4887
RGB	77, 72, 135
RGB Percent	30%, 28%, 53%
CMY	0.6980, 0.7176, 0.4706
CMYK	0.43, 0.47, 0.00, 0.47
HSL	245°, 30%, 41%
HSV	245°, 47%, 53%
XYZ	9.7511, 7.9618, 23.9445
YIQ	80.6770, -17.2430, 20.6530

Conversions

Conversions Part 2

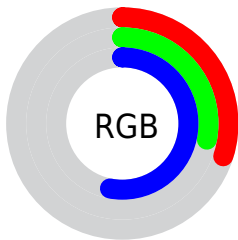
Format	Color
R_{YB}	77, 72, 135
Decimal	5064839
CIE _{Lab}	33.90, 18.97, -34.68
CIE _{LCh}	34, 39.528, 298.676
Yxy	7.9618, 0.2341, 0.1911
Android (android.graphics.Color)	4283254919 (0xFF4D4887)
YUV	80.6770, 26.7812, -3.2247
Hunter-Lab	28.2166, 12.3070, -30.5616

Details

The Hex color **4D4887** is a dark color, and the websafe version is hex **333366**. A complement of this color would be **828748**, and the grayscale version is **505050**.

A 20% lighter version of the original color is **8179BD**, and **191C55** is the 20% darker color. If you saturate the color by 10%, you get **413B87**, and if you desaturate by 10%, it is **595687**.

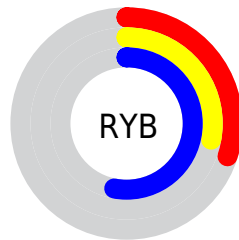
Distribution



Red (30%)

Green (28%)

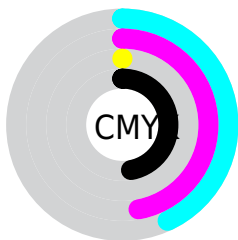
Blue (53%)



Red (30%)

Yellow (28%)

Blue (53%)

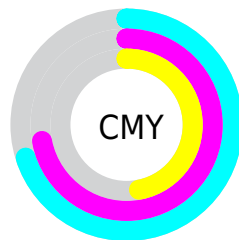


Cyan (43%)

Magenta (47%)

Yellow (0%)

Black (47%)



Cyan (70%)

Magenta (72%)

Yellow (47%)

Brightness & Saturation Gradients

These gradients show how the Hex color 4D4887 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 4D4887 by changing the saturation by 10% instead.

■ 4D4887

■ 4D4887

FFFFFF

■ 34326D

■ 8179BD

■ 191C55

■ 9C92D9

■ 00053D

■ B7ADF5

■ 000327

■ D4C8FF

■ 000110

■ F0E4FF

■ 000000

■ 4D4887

■ 4D4887

■ 413B87

■ 595687

■ 342D87

■ 666387

■ 282087

■ 727187

■ 1B1287

■ 7F7E87

■ 0F0587

■ 8B8C87

■ 0B0087

■ 989987

■ A4A787

■ B0B487

■ BDC287

Harmonies

Analogous

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



00548F



4D4887



743A71

Triad

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



4D4887



794219



005E4D

Complementary

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



4D4887



828748

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.



115C2D



4D4887



614E08

Square

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



4D4887



873534



425713



005E6D

Rectangle

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



4D4887



82335D



425713



005E42

Sweetspot

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



4D4887



9997B0



488387



4B4A59



D9D9D9



595959

Same Dimension

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



4D4887



554DB0



6C4887



3C3C42



0A0082



000003

Inverse Universe

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



874882



B04DA8



638748



423C42



820078



030002

Previews

White Background



This preview shows how the Hex color 4D4887 looks on a white background.

Color Contrast Check

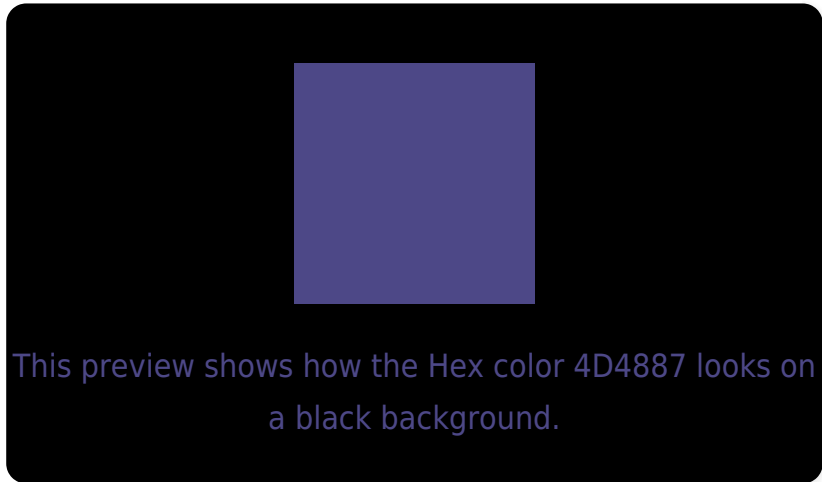
Large Text (above 18pt) WCAG AA ✓ Pass

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

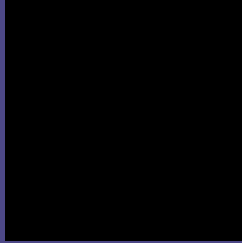
Any Text WCAG AA × Fail

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 4D4887 Background



This preview shows how black text looks on a background with the Hex color 4D4887.



This preview shows how white text looks on a background with the Hex color 4D4887.

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
4D4887

Protanopia
334E8C

Deuteranopia
2C5085



Tritanopia
415359

Trichromacy



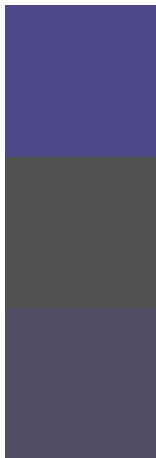
Original Color
4D4887

Protanomaly
3C4C8A

Deuteranomaly
384D86

Tritanomaly
454F6A

Monochromacy



Original Color
4D4887

Achromatopsia
515151

Achromatomaly
504E65

CSS Examples

Text

The CSS property to change the color of the text to Hex 4D4887 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 #4D4887 looks like.

```
.text, #text, p{  
    color:#4D4887  
}
```

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 #4D4887 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4D4887
}
```

Border

The CSS property to change the border of an element to Hex 4D4887 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
#4D4887 }
```

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

```
.border{ border-color:#4D4887 }
```

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

Here you see how a box with a 4 pixel #4D4887 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4D4887; -webkit-box-shadow:4px 4px  
4px 4px #4D4887; box-shadow:4px 4px 4px  
4px #4D4887 }
```

Background

The CSS property to change the background color of an element to Hex 4D4887 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4D4887 }
```

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

```
.background{ background-color:#4D4887 }
```

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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