

Converting Colors

Hex(4D1896)

Have a look what the booklet for
Hex(4D1896) contains.

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Color

Hex(4D1896)

Conversions

Conversions Part 1

Format	Color
Hex	4D1896
RGB	77, 24, 150
RGB Percent	30%, 9%, 59%
CMY	0.6980, 0.9059, 0.4118
CMYK	0.49, 0.84, 0.00, 0.41
HSL	265°, 72%, 34%
HSV	265°, 84%, 59%
XYZ	8.8922, 4.4331, 29.2412
YIQ	54.2110, -8.8580, 50.4220

Conversions

Conversions Part 2

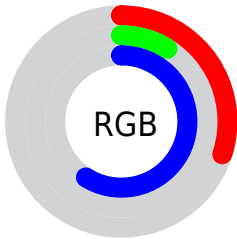
Format	Color
R_{YB}	77, 24, 150
Decimal	5052566
CIE Lab	25.05, 50.02, -58.25
CIE LCh	25, 76.784, 310.655
Yxy	4.4331, 0.2089, 0.1041
Android (android.graphics.Color)	4283242646 (0xFF4D1896)
YUV	54.2110, 47.2240, 19.9860
Hunter-Lab	21.0548, 38.5411, -67.6042

Details

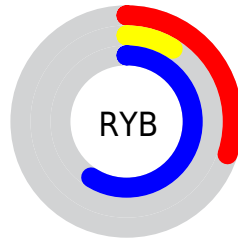
The Hex color **4D1896** is a dark color, and the websafe version is hex **660099**. A complement of this color would be **619618**, and the grayscale version is **363636**.

A 20% lighter version of the original color is **854CCD**, and **090062** is the 20% darker color. If you saturate the color by 10%, you get **440996**, and if you desaturate by 10%, it is **562796**.

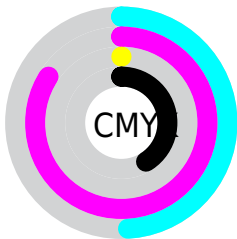
Distribution



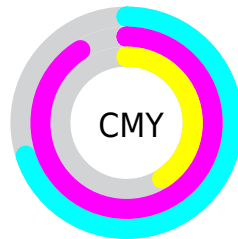
- Red (30%)
- Green (9%)
- Blue (59%)



- Red (30%)
- Yellow (9%)
- Blue (59%)



- Cyan (49%)
- Magenta (84%)
- Yellow (0%)
- Black (41%)



- Cyan (70%)
- Magenta (91%)
- Yellow (41%)

Brightness & Saturation Gradients

These gradients show how the Hex color 4D1896 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 4D1896 by changing the saturation by 10% instead.

■ 4D1896

■ 4D1896

FFFFFF

■ 2F007B

■ 854CCD

■ 090062

■ A265EA

■ 000049

■ BF80FF

■ 000431

■ DC9AFF

■ 00011C

■ FAB6FF

■ 000000

■ FFD2FF

■ FFEFFF

■ 4D1896

■ 4D1896

■ 440996

■ 562796

■ 3F0096

■ 5E3696

■ 674596

■ 705496

■ 786396

■ 817296

■ 8A8196

■ 939096

■ 9B9F96

Harmonies

Analogous

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



003FB2



4D1896



8A0063

Triad

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



4D1896



672900



004F50

Complementary

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



4D1896



619618

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.



004E0F



4D1896



374000

Square

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



4D1896



8A0000



004A00



005088

Rectangle

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



4D1896



97003D



004A00



004F3B

Sweetspot

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



4D1896



A691C2



186296



504461



E0E0E0



616161

Same Dimension

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



4D1896



5200C2



8B1896



46434A



3A008A



04000A

Inverse Universe

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



961861



C20070



239618



4A4347



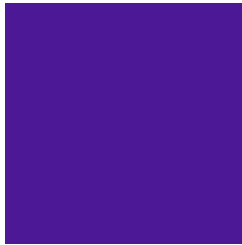
8A0050



0A0006

Previews

White Background



This preview shows how the Hex color 4D1896 looks on a white background.

Color Contrast Check

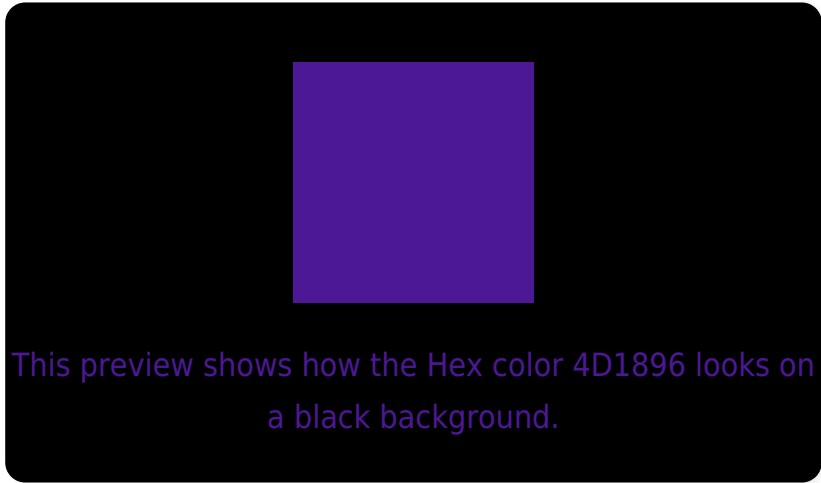
Large Text (above 18pt) WCAG AA ✓ Pass

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

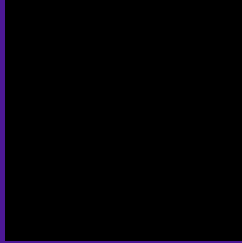
Any Text WCAG AA × Fail

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 4D1896 Background



This preview shows how black text looks on a background with the Hex color 4D1896.



This preview shows how white text looks on a background with the Hex color 4D1896.

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](#).

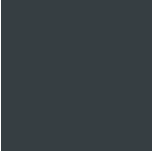
Dichromacy



Original Color
4D1896

Protanopia
003A7B

Deuteranopia
003E69



Tritanopia
363E42

Trichromacy



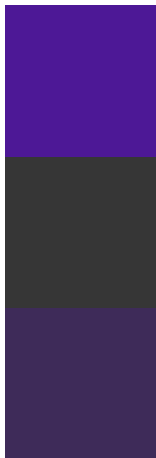
Original Color
4D1896

Protanomaly
1C2E85

Deuteranomaly
1C3079

Tritanomaly
3E3061

Monochromacy



Original Color
4D1896

Achromatopsia
363636

Achromatomaly
3E2B59

CSS Examples

Text

The CSS property to change the color of the text to Hex 4D1896 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 #4D1896 looks like.

```
.text, #text, p{  
    color:#4D1896  
}
```

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 #4D1896 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4D1896
}
```

Border

The CSS property to change the border of an element to Hex 4D1896 is called "border". The border property can be set on classes, ids or directly on the HTML element.

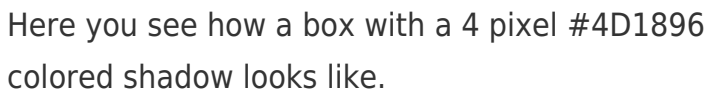
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#4D1896 }
```

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

```
.border{ border-color:#4D1896 }
```

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



Here you see how a box with a 4 pixel #4D1896 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4D1896; -webkit-box-shadow:4px 4px  
4px 4px #4D1896; box-shadow:4px 4px 4px  
4px #4D1896 }
```

Background

The CSS property to change the background color of an element to Hex 4D1896 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4D1896 }
```

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

```
.background{ background-color:#4D1896 }
```

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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