

Converting Colors

Hex(4D1E6B)

Have a look what the booklet for
Hex(4D1E6B) contains.

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Color

Hex(4D1E6B)

Conversions

Conversions Part 1

Format	Color
Hex	4D1E6B
RGB	77, 30, 107
RGB Percent	30%, 12%, 42%
CMY	0.6980, 0.8824, 0.5804
CMYK	0.28, 0.72, 0.00, 0.58
HSL	277°, 56%, 27%
HSV	277°, 72%, 42%
XYZ	6.1787, 3.5679, 14.2729
YIQ	52.8310, 3.2950, 33.9110

Conversions

Conversions Part 2

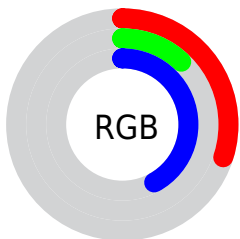
Format	Color
R_{YB}	77, 30, 107
Decimal	5054059
CIE _{Lab}	22.19, 36.44, -35.76
CIE _{LCh}	22, 51.052, 315.543
Yxy	3.5679, 0.2572, 0.1485
Android (android.graphics.Color)	4283244139 (0xFF4D1E6B)
YUV	52.8310, 26.7053, 21.1962
Hunter-Lab	18.8888, 25.3335, -31.5791

Details

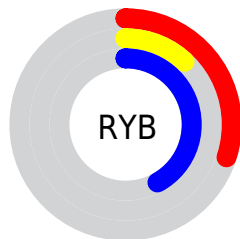
The Hex color **4D1E6B** is a dark color, and the websafe version is hex **660066**. A complement of this color would be **3C6B1E**, and the grayscale version is **353535**.

A 20% lighter version of the original color is **814E9F**, and **1E003B** is the 20% darker color. If you saturate the color by 10%, you get **49136B**, and if you desaturate by 10%, it is **51296B**.

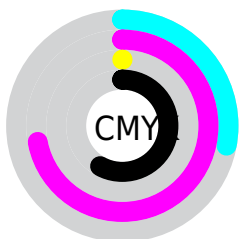
Distribution



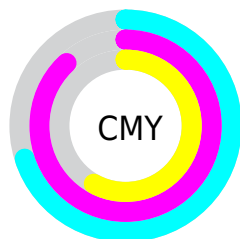
- Red (30%)
- Green (12%)
- Blue (42%)



- Red (30%)
- Yellow (12%)
- Blue (42%)



- Cyan (28%)
- Magenta (72%)
- Yellow (0%)
- Black (58%)



- Cyan (70%)
- Magenta (88%)
- Yellow (58%)

Brightness & Saturation Gradients

These gradients show how the Hex color 4D1E6B 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 4D1E6B by changing the saturation by 10% instead.

4D1E6B

4D1E6B

FFFFFF

340452

814E9F

1E003B

9C67BA

000024

B781D6

00000C

D49BF3

000000

F1B7FF

FFD2FF

FFEEFF

4D1E6B

4D1E6B

■ 49136B

■ 51296B

■ 45096B

■ 55336B

■ 41006B

■ 5A3E6B

■ 5E496B

■ 62546B

■ 665E6B

■ 6A696B

■ 6E746B

■ 737E6B

Harmonies

Analogous

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



003480



4D1E6B



6D0049

Triad

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



4D1E6B



512D00



004449

Complementary

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



4D1E6B



3C6B1E

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.



004321



4D1E6B



303900

Square

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



4D1E6B



6A1500



004000



00446B

Rectangle

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



4D1E6B



740030



004000



00443B

Sweetspot

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



4D1E6B



806D8C



1E3D6B



403547



C7C7C7



474747

Same Dimension

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



4D1E6B



5D148C



6B1E63



333036



480075



9500F5

Inverse Universe

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



6B1E3C



8C1443



1E6B26



363032



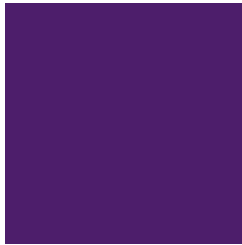
75002E



F5005F

Previews

White Background



This preview shows how the Hex color 4D1E6B looks on a white background.

Color Contrast Check

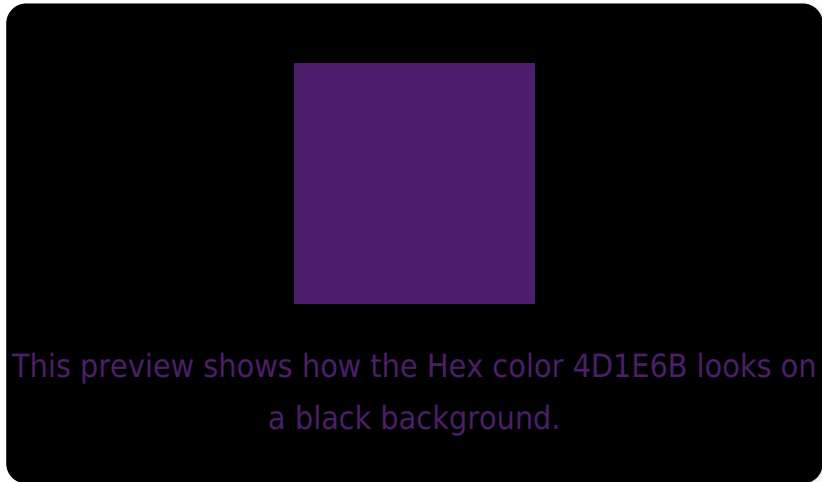
Large Text (above 18pt) WCAG AA ✓ Pass

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

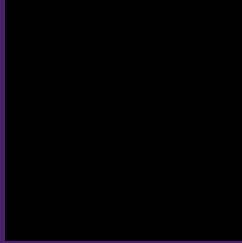
Any Text WCAG AA × Fail

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 4D1E6B Background



This preview shows how black text looks on a background with the Hex color 4D1E6B.



This preview shows how white text looks on a background with the Hex color 4D1E6B.

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](#).

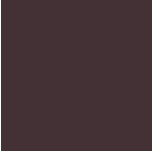
Dichromacy



Original Color
4D1E6B

Protanopia
00346E

Deuteranopia
003761



Tritanopia
443135

Trichromacy



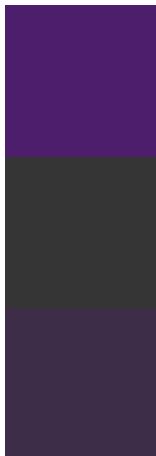
Original Color
4D1E6B

Protanomaly
1C2C6D

Deuteranomaly
1C2E65

Tritanomaly
472A49

Monochromacy



Original Color
4D1E6B

Achromatopsia
353535

Achromatomaly
3E2D49

CSS Examples

Text

The CSS property to change the color of the text to Hex 4D1E6B 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 #4D1E6B looks like.

```
.text, #text, p{  
    color:#4D1E6B  
}
```

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 #4D1E6B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4D1E6B
}
```

Border

The CSS property to change the border of an element to Hex 4D1E6B is called "border". The border property can be set on classes, ids or directly on the HTML element.

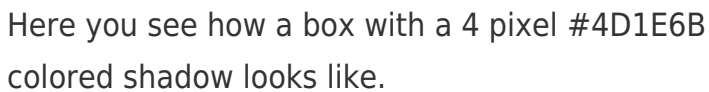
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#4D1E6B }
```

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

```
.border{ border-color:#4D1E6B }
```

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



Here you see how a box with a 4 pixel #4D1E6B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4D1E6B; -webkit-box-shadow:4px 4px  
4px 4px #4D1E6B; box-shadow:4px 4px 4px  
4px #4D1E6B }
```

Background

The CSS property to change the background color of an element to Hex 4D1E6B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4D1E6B }
```

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

```
.background{ background-color:#4D1E6B }
```

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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