

Converting Colors

Hex(4C1D6B)

Have a look what the booklet for
Hex(4C1D6B) contains.

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Color

Hex(4C1D6B)

Conversions

Conversions Part 1

Format	Color
Hex	4C1D6B
RGB	76, 29, 107
RGB Percent	30%, 11%, 42%
CMY	0.7020, 0.8863, 0.5804
CMYK	0.29, 0.73, 0.00, 0.58
HSL	276°, 57%, 27%
HSV	276°, 73%, 42%
XYZ	6.0737, 3.4768, 14.2609
YIQ	51.9450, 2.9740, 34.2220

Conversions

Conversions Part 2

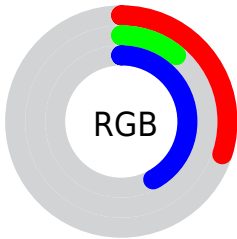
Format	Color
R_{YB}	76, 29, 107
Decimal	4988267
CIE _{Lab}	21.86, 36.71, -36.29
CIE _{LCh}	22, 51.619, 315.326
Yxy	3.4768, 0.2551, 0.1460
Android (android.graphics.Color)	4283178347 (0xFF4C1D6B)
YUV	51.9450, 27.1421, 21.0962
Hunter-Lab	18.6461, 25.5132, -32.2939

Details

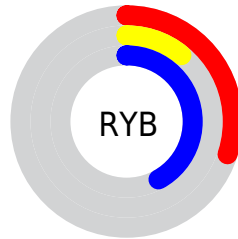
The Hex color **4C1D6B** is a dark color, and the websafe version is hex **660066**. A complement of this color would be **3C6B1D**, and the grayscale version is **343434**.

A 20% lighter version of the original color is **804D9F**, and **1D003B** is the 20% darker color. If you saturate the color by 10%, you get **48126B**, and if you desaturate by 10%, it is **50286B**.

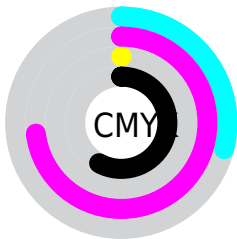
Distribution



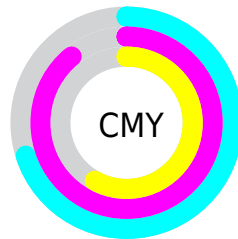
- Red (30%)
- Green (11%)
- Blue (42%)



- Red (30%)
- Yellow (11%)
- Blue (42%)



- Cyan (29%)
- Magenta (73%)
- Yellow (0%)
- Black (58%)



- Cyan (70%)
- Magenta (89%)
- Yellow (58%)

Brightness & Saturation Gradients

These gradients show how the Hex color 4C1D6B 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 4C1D6B by changing the saturation by 10% instead.

 4C1D6B

 4C1D6B

FFFFFF

 330352

 804D9F

 1D003B

 9B66BA

 000124

 B680D6

 00000C

 D39AF3

 000000

 F0B5FF

 FFD1FF

 FFEEFF

 4C1D6B

 4C1D6B

■ 48126B

■ 50286B

■ 43086B

■ 55326B

■ 40006B

■ 593D6B

■ 5D486B

■ 61526B

■ 665D6B

■ 6A686B

■ 6E736B

■ 727D6B

Harmonies

Analogous

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



003380



4C1D6B



6D0049

Triad

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



4C1D6B



512C00



004448

Complementary

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



4C1D6B



3C6B1D

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.



00431F



4C1D6B



2F3900

Square

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



4C1D6B



691400



003F00



00436B

Rectangle

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



4C1D6B



74002F



003F00



00433A

Sweetspot

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



4C1D6B



806D8C



1D3C6B



403547



C7C7C7



474747

Same Dimension

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



4C1D6B



5C128C



6B1D63



333036



470075



9400F5

Inverse Universe

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



6B1D3C



8C1243



1D6B25



363032



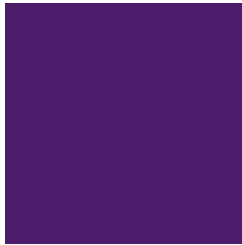
75002F



F50061

Previews

White Background



This preview shows how the Hex color 4C1D6B looks on a white background.

Color Contrast Check

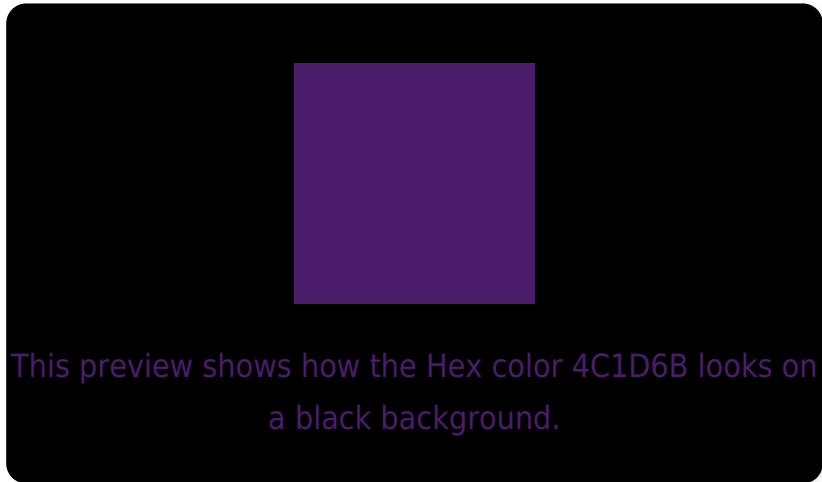
Large Text (above 18pt) WCAG AA ✓ Pass

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

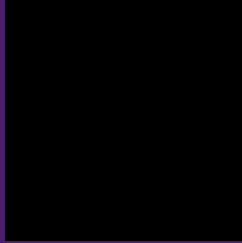
Any Text WCAG AA × Fail

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 4C1D6B Background



This preview shows how black text looks on a background with the Hex color 4C1D6B.



This preview shows how white text looks on a background with the Hex color 4C1D6B.

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
4C1D6B

Protanopia
00346D

Deuteranopia
00375F



Tritanopia
423034

Trichromacy



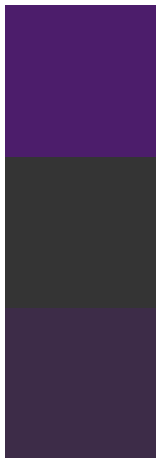
Original Color
4C1D6B

Protanomaly
1C2C6C

Deuteranomaly
1C2E63

Tritanomaly
462948

Monochromacy



Original Color
4C1D6B

Achromatopsia
343434

Achromatomaly
3D2C48

CSS Examples

Text

The CSS property to change the color of the text to Hex 4C1D6B 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 #4C1D6B looks like.

```
.text, #text, p{  
    color:#4C1D6B  
}
```

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 #4C1D6B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4C1D6B
}
```

Border

The CSS property to change the border of an element to Hex 4C1D6B 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
#4C1D6B }
```

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

```
.border{ border-color:#4C1D6B }
```

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

Here you see how a box with a 4 pixel #4C1D6B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4C1D6B; -webkit-box-shadow:4px 4px  
4px 4px #4C1D6B; box-shadow:4px 4px 4px  
4px #4C1D6B }
```

Background

The CSS property to change the background color of an element to Hex 4C1D6B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4C1D6B }
```

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

```
.background{ background-color:#4C1D6B }
```

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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