

Converting Colors

Hex(4D285E)

Have a look what the booklet for
Hex(4D285E) contains.

Hex(4D285E)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(4D285E)

Conversions

Conversions Part 1

Format	Color
Hex	4D285E
RGB	77, 40, 94
RGB Percent	30%, 16%, 37%
CMY	0.6980, 0.8431, 0.6314
CMYK	0.18, 0.57, 0.00, 0.63
HSL	281°, 40%, 26%
HSV	281°, 57%, 37%
XYZ	5.8397, 3.9035, 11.0353
YIQ	57.2190, 4.7180, 24.6380

Conversions

Conversions Part 2

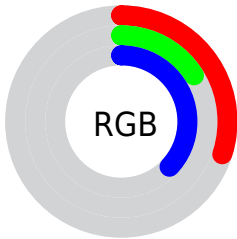
Format	Color
RYB	77, 40, 94
Decimal	5056606
CIELab	23.35, 27.69, -25.40
CIELCh	23, 37.574, 317.462
Yxy	3.9035, 0.2810, 0.1879
Android (android.graphics.Color)	4283246686 (0xFF4D285E)
YUV	57.2190, 18.1330, 17.3479
Hunter-Lab	19.7573, 18.1846, -19.2860




Details

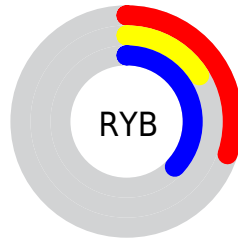
The Hex color **4D285E** is a dark color, and the websafe version is hex **663366**. A complement of this color would be **395E28**, and the grayscale version is **393939**.




A 20% lighter version of the original color is **805791**, and **200030** is the 20% darker color. If you saturate the color by 10%, you get **4A1F5E**, and if you desaturate by 10%, it is **50315E**.

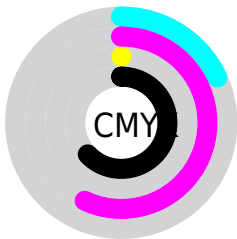
Distribution







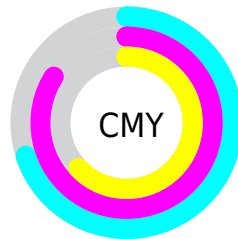
-  Red (30%)
-  Green (16%)
-  Blue (37%)






-  Red (30%)
-  Yellow (16%)
-  Blue (37%)



-  Cyan (18%)
-  Magenta (57%)
-  Yellow (0%)
-  Black (63%)



-  Cyan (70%)
-  Magenta (84%)
-  Yellow (63%)

Brightness & Saturation Gradients

These gradients show how the Hex color 4D285E 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 4D285E by changing the saturation by 10% instead.

 4D285E

 4D285E

FFFFFF

 351246

 805791

 200030

 9A70AB

 00011A

 B58AC7

 000000

 D1A4E3

 EEBFFF

 FFDBFF

 FFF8FF

 4D285E

 4D285E

■ 4A1F5E

■ 50315E

■ 47155E

■ 533B5E

■ 440C5E

■ 56445E

■ 41025E

■ 594E5E

■ 40005E

■ 5C575E

■ 5F605E

■ 626A5E

■ 65735E

■ 687D5E

Harmonies

Analogous

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



1A356E



4D285E



641B45

Triad

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



4D285E



4E3200



004448

Complementary

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



4D285E



395E28

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.



00442A



4D285E



363B00

Square

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



4D285E



61260E



10410E



004361

Rectangle

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



4D285E



691832



10410E



00443E

Sweetspot

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



4D285E



74667A



28395E



39313D



BDBDBD



3D3D3D

Same Dimension

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



4D285E



60267A



5E2854



2C292E



4B006E



A200ED

Inverse Universe

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



5E2839



7A2641



285E32



2E292B



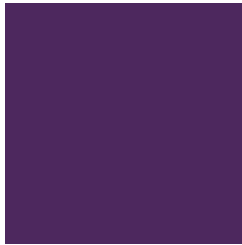
6E0023



ED004B

Previews

White Background



This preview shows how the Hex color 4D285E looks on a white background.

Color Contrast Check

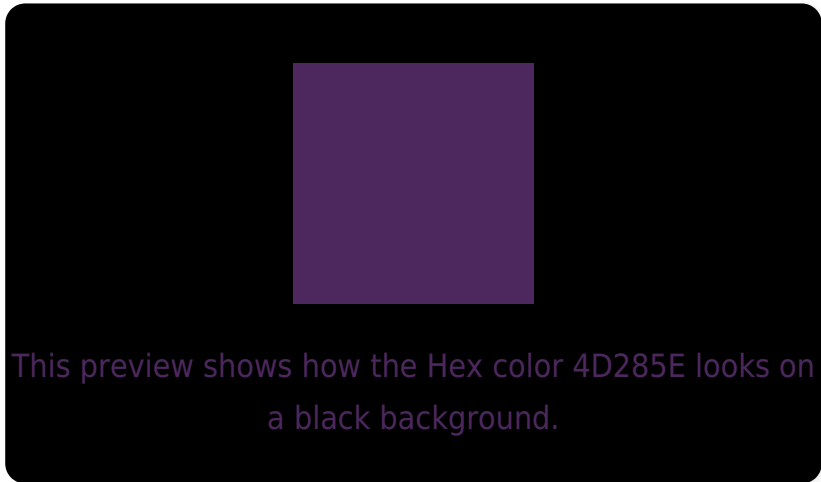
Large Text (above 18pt) WCAG AA ✓ Pass

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

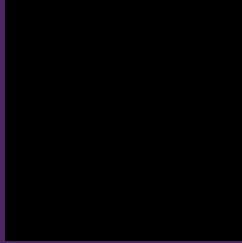
Any Text WCAG AA × Fail

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 4D285E Background



This preview shows how black text looks on a background with the Hex color 4D285E.



This preview shows how white text looks on a background with the Hex color 4D285E.

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](#).

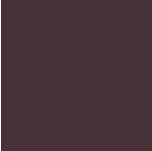
Dichromacy



Original Color
4D285E

Protanopia
19366C

Deuteranopia
24385B



Tritanopia
473337

Trichromacy



Original Color
4D285E

Protanomaly
2C3167

Deuteranomaly
33325C

Tritanomaly
492F45

Monochromacy



Original Color
4D285E

Achromatopsia
393939

Achromatomaly
403346

CSS Examples

Text

The CSS property to change the color of the text to Hex 4D285E 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 #4D285E looks like.

```
.text, #text, p{  
    color:#4D285E  
}
```

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 #4D285E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4D285E
}
```

Border

The CSS property to change the border of an element to Hex 4D285E is called "border". The border property can be set on classes, ids or directly on the HTML element.

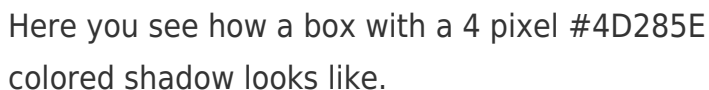
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#4D285E }
```

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

```
.border{ border-color:#4D285E }
```

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



Here you see how a box with a 4 pixel #4D285E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4D285E; -webkit-box-shadow:4px 4px  
4px 4px #4D285E; box-shadow:4px 4px 4px  
4px #4D285E }
```

Background

The CSS property to change the background color of an element to Hex 4D285E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4D285E }
```

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

```
.background{ background-color:#4D285E }
```

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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