

Converting Colors

Hex(45286E)

Have a look what the booklet for
Hex(45286E) contains.

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Color

Hex(45286E)

Conversions

Conversions Part 1

Format	Color
Hex	45286E
RGB	69, 40, 110
RGB Percent	27%, 16%, 43%
CMY	0.7294, 0.8431, 0.5686
CMYK	0.37, 0.64, 0.00, 0.57
HSL	265°, 47%, 29%
HSV	265°, 64%, 43%
XYZ	6.0275, 3.9086, 15.1886
YIQ	56.6510, -5.1860, 27.9180

Conversions

Conversions Part 2

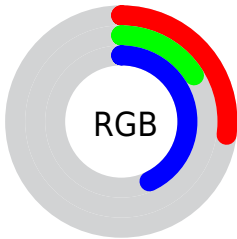
Format	Color
RYB	69, 40, 110
Decimal	4532334
CIELab	23.37, 29.71, -35.85
CIELCh	23, 46.558, 309.644
Yxy	3.9086, 0.2399, 0.1556
Android (android.graphics.Color)	4282722414 (0xFF45286E)
YUV	56.6510, 26.3011, 10.8301
Hunter-Lab	19.7701, 19.8233, -31.7110

Details

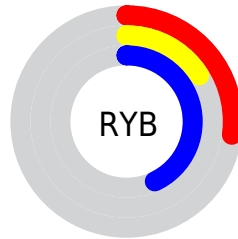
The Hex color **45286E** is a dark color, and the websafe version is hex **333366**. A complement of this color would be **516E28**, and the grayscale version is **383838**.

A 20% lighter version of the original color is **7857A2**, and **15003E** is the 20% darker color. If you saturate the color by 10%, you get **3F1D6E**, and if you desaturate by 10%, it is **4B336E**.

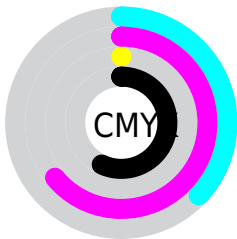
Distribution



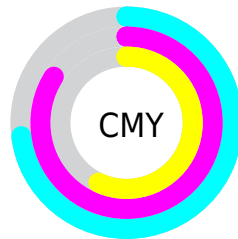
- Red (27%)
- Green (16%)
- Blue (43%)



- Red (27%)
- Yellow (16%)
- Blue (43%)



- Cyan (37%)
- Magenta (64%)
- Yellow (0%)
- Black (57%)



- Cyan (73%)
- Magenta (84%)
- Yellow (57%)

Brightness & Saturation Gradients

These gradients show how the Hex color 45286E 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 45286E by changing the saturation by 10% instead.

45286E

45286E

FFFFFF

2C1255

7857A2

15003E

9370BD

000227

AE89D9

000110

CAA4F6

000000

E7BFFF

FFDBFF

FFF8FF

45286E

45286E

■ 3F1D6E

■ 4B336E

■ 38126E

■ 523E6E

■ 32076E

■ 58496E

■ 2E006E

■ 5F546E

■ 655F6E

■ 6C6A6E

■ 72756E

■ 79806E

■ 7F8B6E

Harmonies

Analogous

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



00397D



45286E



681051

Triad

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



45286E



582D00



004642

Complementary

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



45286E



516E28

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.



00451E



45286E



3B3A00

Square

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



45286E



6C190C



124100



004664

Rectangle

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



45286E



72023A



124100



004636

Sweetspot

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



45286E



7F748F



28526E



3E3747



C7C7C7



474747

Same Dimension

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



45286E



4F228F



67286E



353238



320078



6600F7

Inverse Universe

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



6E2851



8F2262



2F6E28



383236



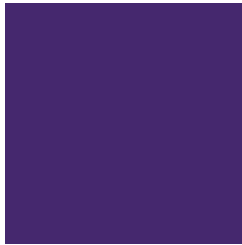
780046



F70091

Previews

White Background



This preview shows how the Hex color 45286E looks on a white background.

Color Contrast Check

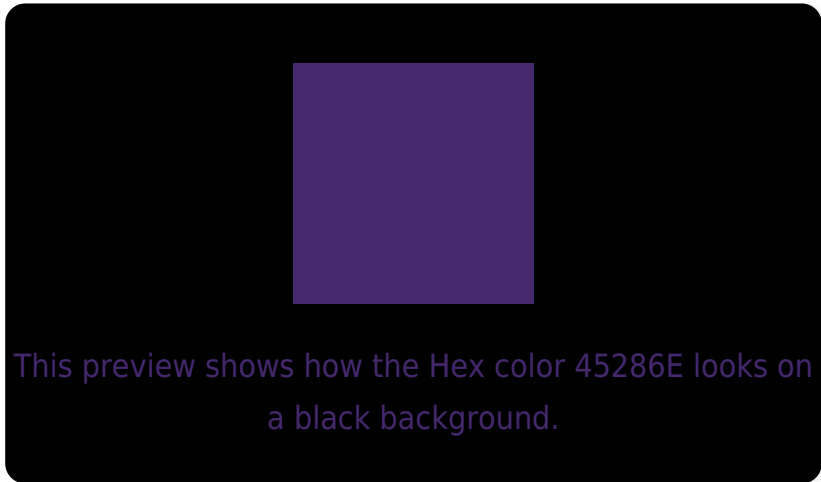
Large Text (above 18pt) WCAG AA ✓ Pass

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

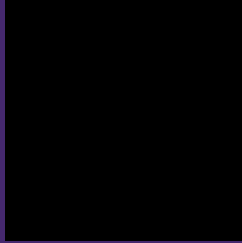
Any Text WCAG AA × Fail

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 45286E Background



This preview shows how black text looks on a background with the Hex color 45286E.

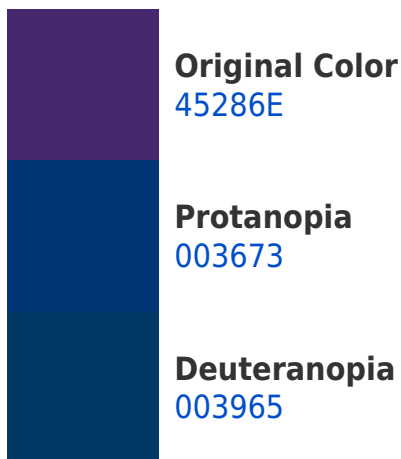



This preview shows how white text looks on a background with the Hex color 45286E.

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





Tritanopia
3A373B

Trichromacy



Original Color
45286E

Protanomaly
193171

Deuteranomaly
193368

Tritanomaly
3E324E

Monochromacy



Original Color
45286E

Achromatopsia
393939

Achromatomaly
3D334C

CSS Examples

Text

The CSS property to change the color of the text to Hex 45286E 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 #45286E looks like.

```
.text, #text, p{  
    color:#45286E  
}
```

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 #45286E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #45286E
}
```

Border

The CSS property to change the border of an element to Hex 45286E is called "border". The border property can be set on classes, ids or directly on the HTML element.

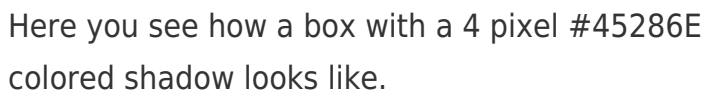
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#45286E }
```

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

```
.border{ border-color:#45286E }
```

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



Here you see how a box with a 4 pixel #45286E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #45286E; -webkit-box-shadow:4px 4px  
4px 4px #45286E; box-shadow:4px 4px 4px  
4px #45286E }
```

Background

The CSS property to change the background color of an element to Hex 45286E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#45286E }
```

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

```
.background{ background-color:#45286E }
```

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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