

Converting Colors

Hex(4E2775)

Have a look what the booklet for
Hex(4E2775) contains.

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Color

Hex(4E2775)

Conversions

Conversions Part 1

Format	Color
Hex	4E2775
RGB	78, 39, 117
RGB Percent	31%, 15%, 46%
CMY	0.6941, 0.8471, 0.5412
CMYK	0.33, 0.67, 0.00, 0.54
HSL	270°, 50%, 31%
HSV	270°, 67%, 46%
XYZ	7.0783, 4.3551, 17.2972
YIQ	59.5530, -1.7940, 32.5260

Conversions

Conversions Part 2

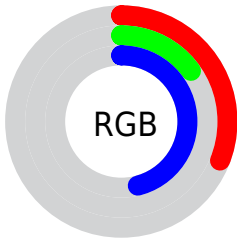
Format	Color
R_{YB}	78, 39, 117
Decimal	5121909
CIE _{Lab}	24.81, 34.45, -37.95
CIE _{LCh}	25, 51.254, 312.228
Yxy	4.3551, 0.2464, 0.1516
Android (android.graphics.Color)	4283311989 (0xFF4E2775)
YUV	59.5530, 28.3214, 16.1780
Hunter-Lab	20.8689, 24.0230, -34.5344

Details

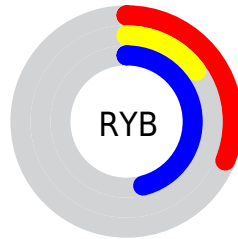
The Hex color **4E2775** is a dark color, and the websafe version is hex **663399**. A complement of this color would be **4E7527**, and the grayscale version is **3B3B3B**.

A 20% lighter version of the original color is **8257AA**, and **1C0044** is the 20% darker color. If you saturate the color by 10%, you get **481B75**, and if you desaturate by 10%, it is **543375**.

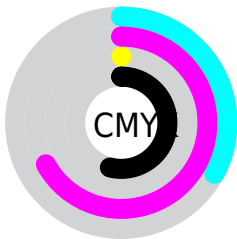
Distribution



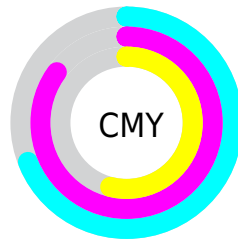
- Red (31%)
- Green (15%)
- Blue (46%)



- Red (31%)
- Yellow (15%)
- Blue (46%)



- Cyan (33%)
- Magenta (67%)
- Yellow (0%)
- Black (54%)



- Cyan (69%)
- Magenta (85%)
- Yellow (54%)

Brightness & Saturation Gradients

These gradients show how the Hex color 4E2775 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 4E2775 by changing the saturation by 10% instead.

■ 4E2775

■ 4E2775

FFFFFF

■ 350F5C

■ 8257AA

■ 1C0044

■ 9D70C5

■ 00002D

■ B98AE1

■ 000117

■ D5A4FE

■ 000000

■ F2C0FF

■ FFDCFF

■ FFF8FF

■ 4E2775

■ 4E2775

■ 481B75

■ 543375

■ 421075

■ 5A3E75

■ 3C0475

■ 604A75

■ 3B0075

■ 655675

■ 6B6275

■ 716D75

■ 777975

■ 7D8575

■ 839075

Harmonies

Analogous

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



003B88



4E2775



720653

Triad

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



4E2775



5C3000



004B4A

Complementary

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



4E2775



4E7527

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.



004921



4E2775



3B3E00

Square

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



4E2775



731905



044600



004A6F

Rectangle

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



4E2775



7C003A



044600



004B3D

Sweetspot

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



4E2775



8A7A99



274E75



433A4D



CCCCCC



4D4D4D

Same Dimension

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



4E2775



5C1F99



752775



38353B



3D007A



7D00FA

Inverse Universe

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



75274E



991F5C



277527



3B3538



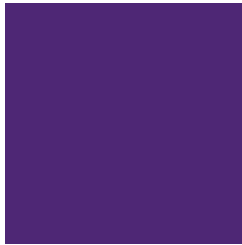
7A003D



FA007D

Previews

White Background



This preview shows how the Hex color 4E2775 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

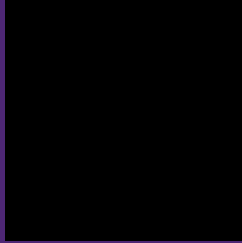
Any Text WCAG AA × Fail

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 4E2775 Background



This preview shows how black text looks on a background with the Hex color 4E2775.



This preview shows how white text looks on a background with the Hex color 4E2775.

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](#).

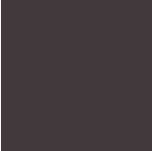
Dichromacy



Original Color
4E2775

Protanopia
00397A

Deuteranopia
003D6B



Tritanopia
43393D

Trichromacy



Original Color
4E2775

Protanomaly
1C3278

Deuteranomaly
1C356F

Tritanomaly
473251

Monochromacy



Original Color
4E2775

Achromatopsia
3C3C3C

Achromatomaly
433451

CSS Examples

Text

The CSS property to change the color of the text to Hex 4E2775 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 #4E2775 looks like.

```
.text, #text, p{  
    color:#4E2775  
}
```

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 #4E2775 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4E2775
}
```

Border

The CSS property to change the border of an element to Hex 4E2775 is called "border". The border property can be set on classes, ids or directly on the HTML element.

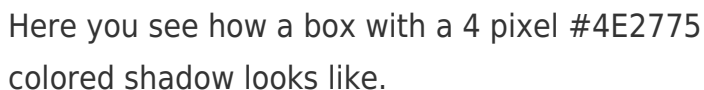
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#4E2775 }
```

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

```
.border{ border-color:#4E2775 }
```

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



Here you see how a box with a 4 pixel #4E2775 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4E2775; -webkit-box-shadow:4px 4px  
4px 4px #4E2775; box-shadow:4px 4px 4px  
4px #4E2775 }
```

Background

The CSS property to change the background color of an element to Hex 4E2775 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4E2775 }
```

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

```
.background{ background-color:#4E2775 }
```

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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