

Converting Colors

Hex(4E2F69)

Have a look what the booklet for
Hex(4E2F69) contains.

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Color

Hex(4E2F69)

Conversions

Conversions Part 1

Format	Color
Hex	4E2F69
RGB	78, 47, 105
RGB Percent	31%, 18%, 41%
CMY	0.6941, 0.8157, 0.5882
CMYK	0.26, 0.55, 0.00, 0.59
HSL	272°, 38%, 30%
HSV	272°, 55%, 41%
XYZ	6.7082, 4.6727, 13.9130
YIQ	62.8810, -0.1420, 24.6100

Conversions

Conversions Part 2

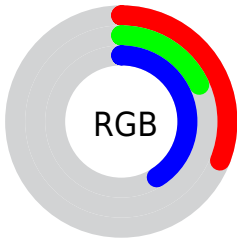
Format	Color
R_{YB}	78, 47, 105
Decimal	5123945
CIE _{Lab}	25.78, 26.54, -28.70
CIE _{LCh}	26, 39.089, 312.760
Yxy	4.6727, 0.2652, 0.1847
Android (android.graphics.Color)	4283314025 (0xFF4E2F69)
YUV	62.8810, 20.7647, 13.2594
Hunter-Lab	21.6163, 17.5654, -23.0295

Details

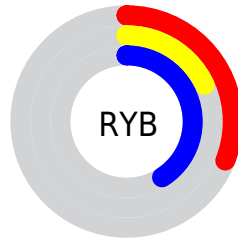
The Hex color **4E2F69** is a dark color, and the websafe version is hex **663366**. A complement of this color would be **4A692F**, and the grayscale version is **3F3F3F**.

A 20% lighter version of the original color is **815E9D**, and **1F0339** is the 20% darker color. If you saturate the color by 10%, you get **492569**, and if you desaturate by 10%, it is **533A69**.

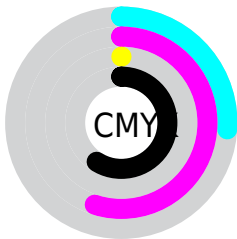
Distribution



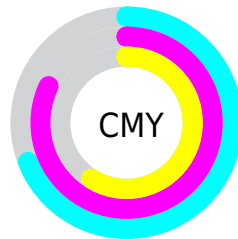
- Red (31%)
- Green (18%)
- Blue (41%)



- Red (31%)
- Yellow (18%)
- Blue (41%)



- Cyan (26%)
- Magenta (55%)
- Yellow (0%)
- Black (59%)



- Cyan (69%)
- Magenta (82%)
- Yellow (59%)

Brightness & Saturation Gradients

These gradients show how the Hex color 4E2F69 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 4E2F69 by changing the saturation by 10% instead.



4E2F69



4E2F69

FFFFFF



361951



815E9D



1F0339



9B77B8



000023



B791D3



00000A



D3ACF0



000000



EFC7FF



FFE3FF



4E2F69



4E2F69



492569



533A69

■ 441A69

■ 584469

■ 3F0F69

■ 5D4F69

■ 3A0569

■ 625969

■ 380069

■ 666469

■ 6B6E69

■ 707869

■ 758369

■ 7A8E69

Harmonies

Analogous

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



0A3C77



4E2F69



69214F

Triad

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



4E2F69



593500



004B49

Complementary

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



4E2F69



4A692F

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.



00492A



4E2F69



3F4000

Square

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



4E2F69



6B2816



1C460C



004965

Rectangle

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



4E2F69



711D3C



1C460C



004A3F

Sweetspot

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



4E2F69



7F728A



2F4A69



3E3745



C4C4C4



454545

Same Dimension

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



4E2F69



5F2F8A



692F67



333036



3F0075



8300F5

Inverse Universe

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



692F4A



8A2F59



2F6931



363033



750037



F50072

Previews

White Background



This preview shows how the Hex color 4E2F69 looks on a white background.

Color Contrast Check

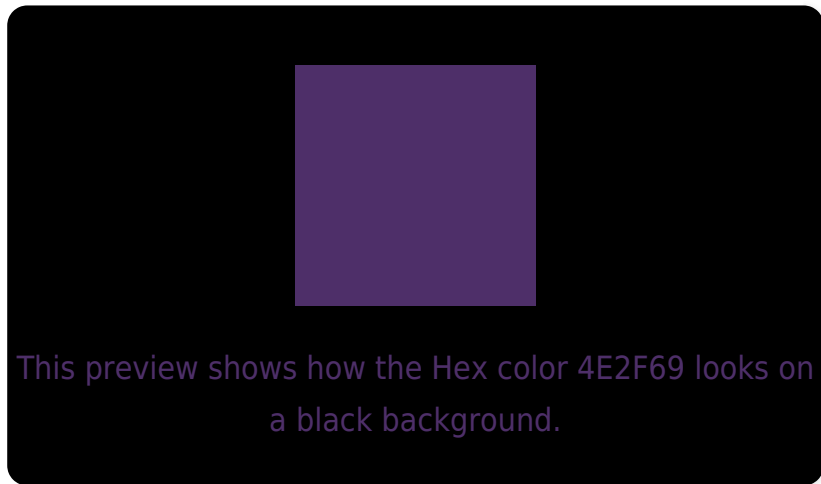
Large Text (above 18pt) WCAG AA ✓ Pass

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

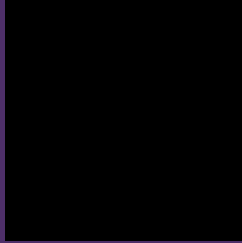
Any Text WCAG AA × Fail

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 4E2F69 Background



This preview shows how black text looks on a background with the Hex color 4E2F69.



This preview shows how white text looks on a background with the Hex color 4E2F69.

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
4E2F69

Protanopia
1D3C76

Deuteranopia
233E66



Tritanopia
473A3F

Trichromacy



Original Color
4E2F69

Protanomaly
2F3771

Deuteranomaly
333967

Tritanomaly
4A364E

Monochromacy



Original Color
4E2F69

Achromatopsia
3F3F3F

Achromatomaly
44394E

CSS Examples

Text

The CSS property to change the color of the text to Hex 4E2F69 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 #4E2F69 looks like.

```
.text, #text, p{  
    color:#4E2F69  
}
```

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 #4E2F69 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4E2F69
}
```

Border

The CSS property to change the border of an element to Hex 4E2F69 is called "border". The border property can be set on classes, ids or directly on the HTML element.

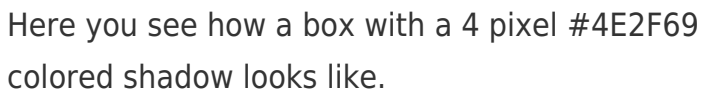
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#4E2F69 }
```

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

```
.border{ border-color:#4E2F69 }
```

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



Here you see how a box with a 4 pixel #4E2F69 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4E2F69; -webkit-box-shadow:4px 4px  
4px 4px #4E2F69; box-shadow:4px 4px 4px  
4px #4E2F69 }
```

Background

The CSS property to change the background color of an element to Hex 4E2F69 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4E2F69 }
```

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

```
.background{ background-color:#4E2F69 }
```

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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