

# Converting Colors

Hex(4E176A)

Have a look what the booklet for  
Hex(4E176A) contains.

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# Color

**Hex(4E176A)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	4E176A
RGB	78, 23, 106
RGB Percent	31%, 9%, 42%
CMY	0.6941, 0.9098, 0.5843
CMYK	0.26, 0.78, 0.00, 0.58
HSL	280°, 64%, 25%
HSV	280°, 78%, 42%
XYZ	6.0498, 3.2731, 13.9486
YIQ	48.9070, 6.1370, 37.4730

# Conversions

## Conversions Part 2

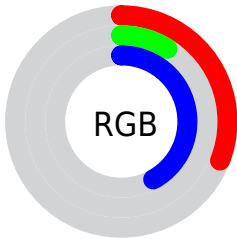
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	78, 23, 106
Decimal	5117802
CIE <sub>Lab</sub>	21.11, 39.70, -36.85
CIE <sub>LCh</sub>	21, 54.160, 317.132
Yxy	3.2731, 0.2600, 0.1406
Android (android.graphics.Color)	4283307882 (0xFF4E176A)
YUV	48.9070, 28.1468, 25.5146
Hunter-Lab	18.0917, 28.0292, -33.0480

# Details

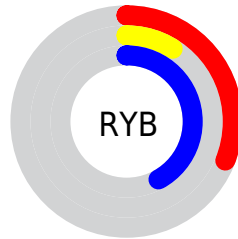
The Hex color **4E176A** is a dark color, and the websafe version is hex **660066**. A complement of this color would be **336A17**, and the grayscale version is **313131**.

A 20% lighter version of the original color is **82499E**, and **20003A** is the 20% darker color. If you saturate the color by 10%, you get **4A0C6A**, and if you desaturate by 10%, it is **52226A**.

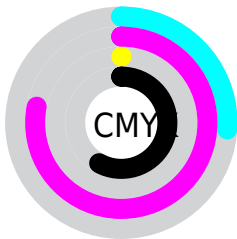
# Distribution



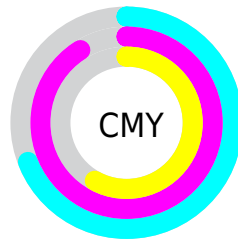
- Red (31%)
- Green (9%)
- Blue (42%)



- Red (31%)
- Yellow (9%)
- Blue (42%)



- Cyan (26%)
- Magenta (78%)
- Yellow (0%)
- Black (58%)



- Cyan (69%)
- Magenta (91%)
- Yellow (58%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 4E176A 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 4E176A by changing the saturation by 10% instead.



 4E176A

 4E176A

FFFFFF

 350051

 82499E

 20003A

 9D62B9

 000123

 B97BD5

 00000A

 D596F2

 000000

 F2B1FF

 FFCDFD

 FFE9FF

 4E176A

 4E176A

■ 4A0C6A

■ 52226A

■ 47026A

■ 552C6A

■ 46006A

■ 59376A

■ 5C416A

■ 604C6A

■ 63576A

■ 67616A

■ 6B6C6A

■ 6E766A

# Harmonies

## Analogous

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



003081



4E176A



6E0046

# Triad

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



4E176A



4D2B00



004249

# Complementary

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



4E176A



336A17

# 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.



00411F



4E176A



2A3800

# Square

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



4E176A



681000



003E00



00426D

# Rectangle

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



4E176A



75002B



003E00



00423C



# Sweetspot

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



4E176A



7F6A8A



17346A



3E3245



C4C4C4



454545



# Same Dimension

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



4E176A



5E088A



6A175E



343036



4E0075



A200F5



# Inverse Universe

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



6A1733



8A0834



176A23



363032



750028

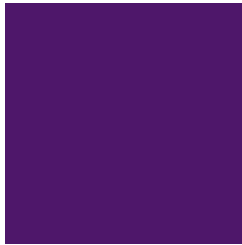


F50053



# Previews

## White Background



This preview shows how the Hex color 4E176A looks on a white background.

## Color Contrast Check

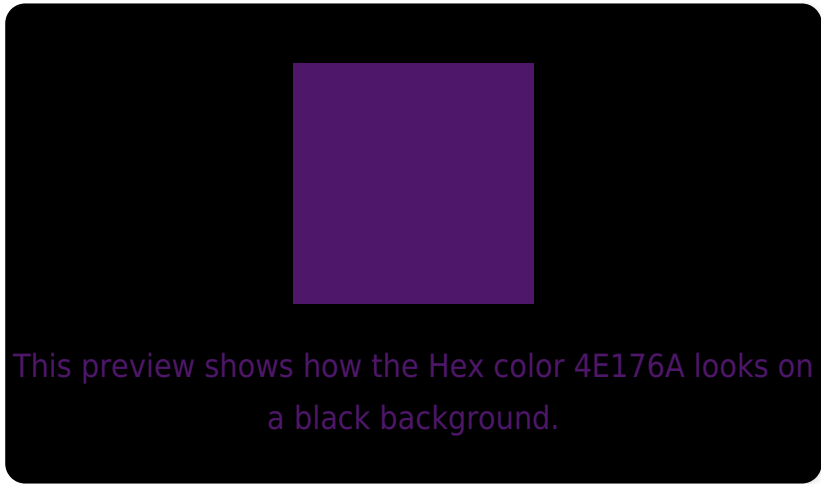
Large Text (above 18pt) WCAG AA ✓ Pass

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

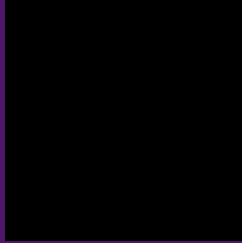
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 4E176A Background



This preview shows how black text looks on a background with the Hex color 4E176A.



This preview shows how white text looks on a background with the Hex color 4E176A.

# 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**  
4E176A

**Protanopia**  
00326A

**Deuteranopia**  
00355D



**Tritanopia**  
452E31

# Trichromacy



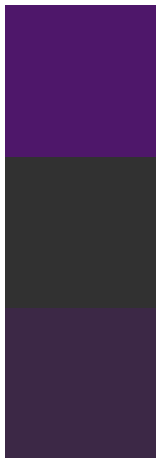
**Original Color**  
4E176A

**Protanomaly**  
1C286A

**Deuteranomaly**  
1C2A62

**Tritanomaly**  
482646

# Monochromacy



**Original Color**  
4E176A

**Achromatopsia**  
313131

**Achromatomaly**  
3C2846

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 4E176A 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 #4E176A looks like.

```
.text, #text, p{  
    color:#4E176A  
}
```

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 #4E176A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4E176A
}
```

## Border

The CSS property to change the border of an element to Hex 4E176A 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
#4E176A }
```

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

```
.border{ border-color:#4E176A }
```

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

Here you see how a box with a 4 pixel #4E176A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4E176A; -webkit-box-shadow:4px 4px  
4px 4px #4E176A; box-shadow:4px 4px 4px  
4px #4E176A }
```

# Background

The CSS property to change the background color of an element to Hex 4E176A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4E176A }
```

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

```
.background{ background-color:#4E176A }
```

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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