

Converting Colors

Hex(4E506D)

Have a look what the booklet for
Hex(4E506D) contains.

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Color

Hex(4E506D)

Conversions

Conversions Part 1

Format	Color
Hex	4E506D
RGB	78, 80, 109
RGB Percent	31%, 31%, 43%
CMY	0.6941, 0.6863, 0.5725
CMYK	0.28, 0.27, 0.00, 0.57
HSL	236°, 17%, 37%
HSV	236°, 28%, 43%
XYZ	8.7709, 8.4611, 15.6389
YIQ	82.7080, -10.5010, 8.5950

Conversions

Conversions Part 2

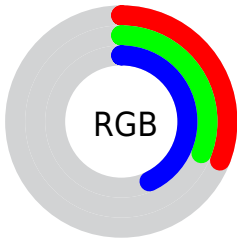
Format	Color
R_{YB}	78, 80, 109
Decimal	5132397
CIE _{Lab}	34.93, 6.44, -16.94
CIE _{LCh}	35, 18.120, 290.818
Yxy	8.4611, 0.2668, 0.2574
Android (android.graphics.Color)	4283322477 (0xFF4E506D)
YUV	82.7080, 12.9620, -4.1289
Hunter-Lab	29.0881, 2.9187, -11.5150

Details

The Hex color **4E506D** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **6D6B4E**, and the grayscale version is **535353**.

A 20% lighter version of the original color is **8081A1**, and **20243D** is the 20% darker color. If you saturate the color by 10%, you get **43466D**, and if you desaturate by 10%, it is **595A6D**.

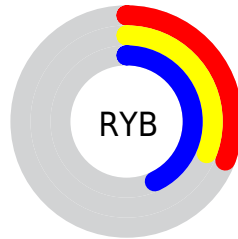
Distribution



Red (31%)

Green (31%)

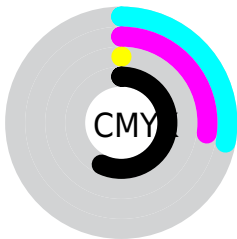
Blue (43%)



Red (31%)

Yellow (31%)

Blue (43%)

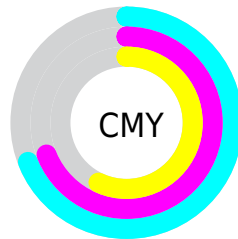


Cyan (28%)

Magenta (27%)

Yellow (0%)

Black (57%)



Cyan (69%)

Magenta (69%)

Yellow (57%)

Brightness & Saturation Gradients

These gradients show how the Hex color 4E506D 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 4E506D by changing the saturation by 10% instead.

■ 4E506D

■ 4E506D

FFFFFF

■ 373955

■ 8081A1

■ 20243D

■ 9A9BBC

■ 0B0E27

■ B5B6D7

■ 000112

■ D1D1F4

■ 000000

■ EDEEFF

■ 4E506D

■ 4E506D

■ 43466D

■ 595A6D

■ 383C6D

■ 64646D

■ 2D316D

■ 6F6F6D

■ 22276D

■ 7A796D

■ 181D6D

■ 85836D

■ 0D136D

■ 8F8D6D

■ 02096D

■ 9A976D

■ 00076D

■ A5A26D

■ B0AC6D

Harmonies

Analogous

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



39556E



4E506D



604B65

Triad

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



4E506D



6B4B3C



315A4D

Complementary

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



4E506D



6D6B4E

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.



41583F



4E506D



605036

Square

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



4E506D



6F4849



525437



245A5C

Rectangle

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



4E506D



69495C



525437



365948

Sweetspot

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



4E506D



82838F



4E6D6B



404047



C7C7C7



474747

Same Dimension

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



4E506D



5E618F



5B4E6D



303136



000875



0010F5

Inverse Universe

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



6D4E50



8F5E61



606D4E



363031



750008



F50010

Previews

White Background



This preview shows how the Hex color 4E506D looks on a white background.

Color Contrast Check

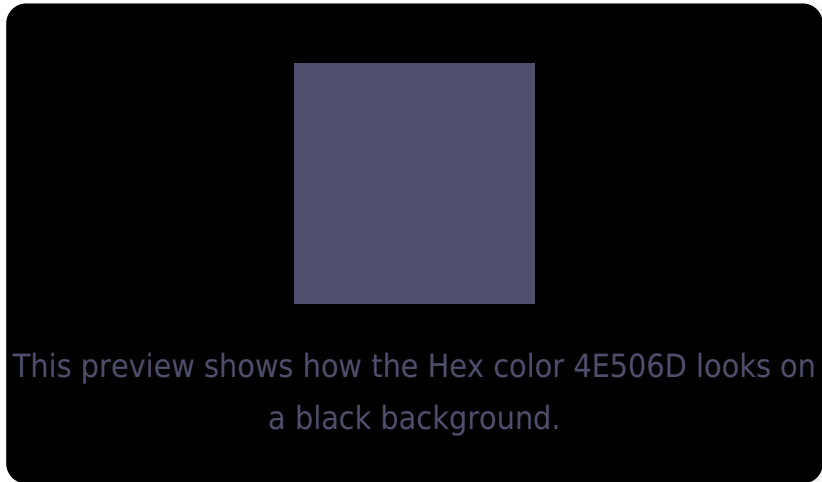
Large Text (above 18pt) WCAG AA ✓ Pass

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

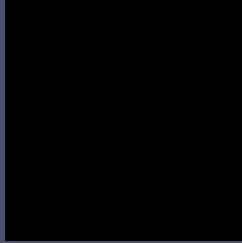
Any Text WCAG AA × Fail

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 4E506D Background



This preview shows how black text looks on a background with the Hex color 4E506D.

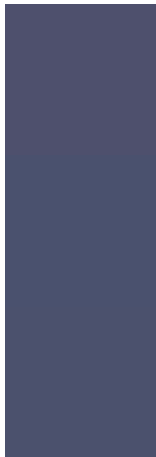


This preview shows how white text looks on a background with the Hex color 4E506D.

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](#).

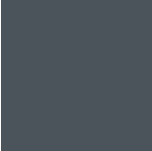
Dichromacy



Original Color
4E506D

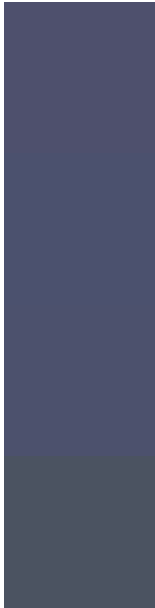
Protanopia
4A516E

Deuteranopia
4B516D



Tritanopia
4A545A

Trichromacy



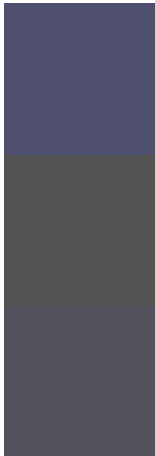
Original Color
4E506D

Protanomaly
4B516E

Deuteranomaly
4C516D

Tritanomaly
4B5361

Monochromacy



Original Color
4E506D

Achromatopsia
535353

Achromatomaly
51525C

CSS Examples

Text

The CSS property to change the color of the text to Hex 4E506D 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 #4E506D looks like.

```
.text, #text, p{  
    color:#4E506D  
}
```

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 #4E506D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4E506D
}
```

Border

The CSS property to change the border of an element to Hex 4E506D 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
#4E506D }
```

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

```
.border{ border-color:#4E506D }
```

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

Here you see how a box with a 4 pixel #4E506D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4E506D; -webkit-box-shadow:4px 4px  
4px 4px #4E506D; box-shadow:4px 4px 4px  
4px #4E506D }
```

Background

The CSS property to change the background color of an element to Hex 4E506D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4E506D }
```

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

```
.background{ background-color:#4E506D }
```

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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