

Converting Colors

Hex(4E6879)

Have a look what the booklet for
Hex(4E6879) contains.

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Color

Hex(4E6879)

Conversions

Conversions Part 1

Format	Color
Hex	4E6879
RGB	78, 104, 121
RGB Percent	31%, 41%, 47%
CMY	0.6941, 0.5922, 0.5255
CMYK	0.36, 0.14, 0.00, 0.53
HSL	204°, 22%, 39%
HSV	204°, 36%, 47%
XYZ	11.5434, 12.9008, 19.9709
YIQ	98.1640, -20.9530, -0.2250

Conversions

Conversions Part 2

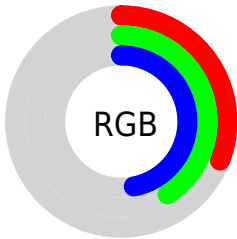
Format	Color
R_{YB}	78, 94, 121
Decimal	5138553
CIE _{Lab}	42.61, -5.03, -12.58
CIE _{LCh}	43, 13.547, 248.186
Yxy	12.9008, 0.2599, 0.2905
Android (android.graphics.Color)	4283328633 (0xFF4E6879)
YUV	98.1640, 11.2581, -17.6838
Hunter-Lab	35.9177, -5.4888, -7.8239

Details

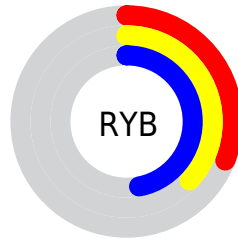
The Hex color **4E6879** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **795F4E**, and the grayscale version is **626262**.

A 20% lighter version of the original color is **809BAD**, and **1E3948** is the 20% darker color. If you saturate the color by 10%, you get **426379**, and if you desaturate by 10%, it is **5A6D79**.

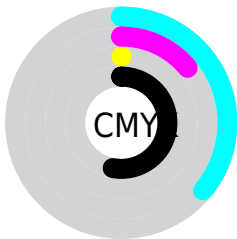
Distribution



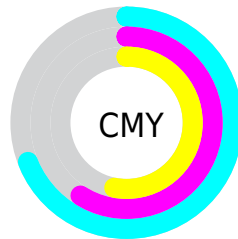
- Red (31%)
- Green (41%)
- Blue (47%)



- Red (31%)
- Yellow (37%)
- Blue (47%)



- Cyan (36%)
- Magenta (14%)
- Yellow (0%)
- Black (53%)



- Cyan (69%)
- Magenta (59%)
- Yellow (53%)

Brightness & Saturation Gradients

These gradients show how the Hex color 4E6879 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 4E6879 by changing the saturation by 10% instead.

■ 4E6879

■ 4E6879

FFFFFF

■ 365060

■ 809BAD

■ 1E3948

■ 9BB6C9

■ 052432

■ B6D1E5

■ 000E1D

■ D2EEFF

■ 000000

■ EEEFFF

■ 4E6879

■ 4E6879

■ 426379

■ 5A6D79

■ 365E79

■ 667279

■ 2A5A79

■ 727679

■ 1E5579

■ 7E7B79

■ 115079

■ 8B8079

■ 054B79

■ 978579

■ 004979

■ A38979

■ AF8E79

■ BB9379

Harmonies

Analogous

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



466A72



4E6879



5C657B

Triad

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



4E6879



7B5D62



5D6853

Complementary

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



4E6879



795F4E

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.



6A654F



4E6879



7B5E57

Square

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



4E6879



765E6D



756150



516A5C

Rectangle

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



4E6879



666278



756150



626751

Sweetspot

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



4E6879



8D979E



4E795E



454B4F



CFCFCF



4F4F4F

Same Dimension

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



4E6879



5A839E



4E5379



373B3D



004C7D



0099FC

Inverse Universe

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



794E68



9E5A83



79744E



3D373B



7D004C



FC0099

Previews

White Background



This preview shows how the Hex color 4E6879 looks on a white background.

Color Contrast Check

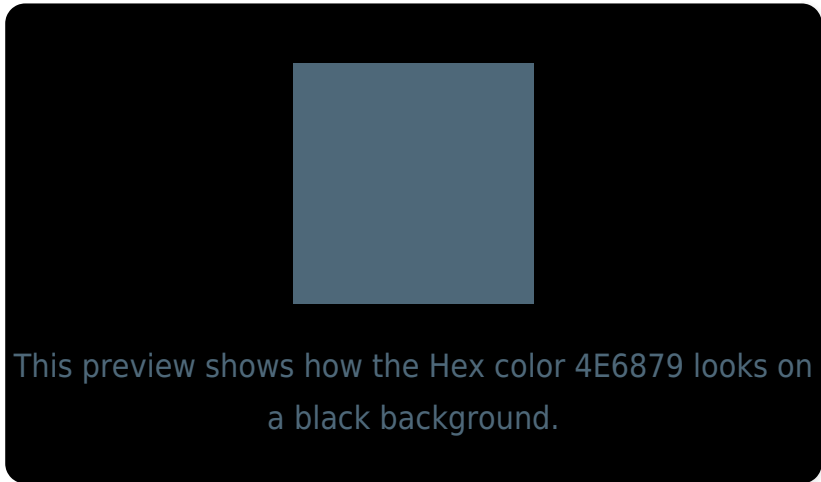
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

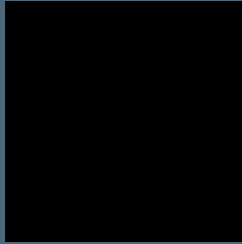
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

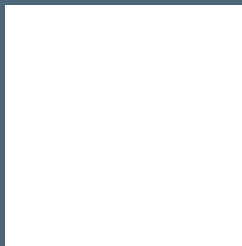
Any Text WCAG AAA × Fail

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

Hex 4E6879 Background



This preview shows how black text looks on a background with the Hex color 4E6879.

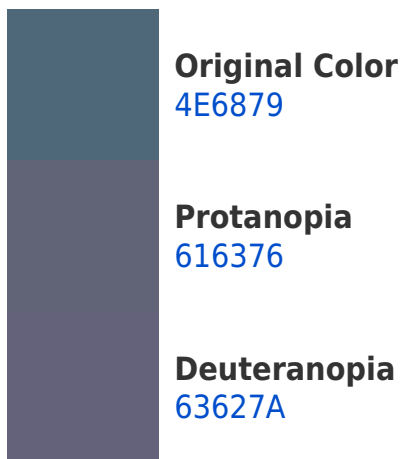


This preview shows how white text looks on a background with the Hex color 4E6879.

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
4C6972

Trichromacy



Original Color
4E6879

Protanomaly
5A6577

Deuteranomaly
5B647A

Tritanomaly
4D6975

Monochromacy



Original Color
4E6879

Achromatopsia
626262

Achromatomaly
5B646A

CSS Examples

Text

The CSS property to change the color of the text to Hex 4E6879 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 #4E6879 looks like.

```
.text, #text, p{  
    color:#4E6879  
}
```

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 #4E6879 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4E6879
}
```

Border

The CSS property to change the border of an element to Hex 4E6879 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
#4E6879 }
```

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

```
.border{ border-color:#4E6879 }
```

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

Here you see how a box with a 4 pixel #4E6879 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4E6879; -webkit-box-shadow:4px 4px  
4px 4px #4E6879; box-shadow:4px 4px 4px  
4px #4E6879 }
```

Background

The CSS property to change the background color of an element to Hex 4E6879 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4E6879 }
```

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

```
.background{ background-color:#4E6879 }
```

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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