

Converting Colors

Hex(4E7188)

Have a look what the booklet for
Hex(4E7188) contains.

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Color

Hex(4E7188)

Conversions

Conversions Part 1

Format	Color
Hex	4E7188
RGB	78, 113, 136
RGB Percent	31%, 44%, 53%
CMY	0.6941, 0.5569, 0.4667
CMYK	0.43, 0.17, 0.00, 0.47
HSL	204°, 27%, 42%
HSV	204°, 43%, 53%
XYZ	13.4909, 15.2075, 25.5168
YIQ	105.1570, -28.2430, -0.2670

Conversions

Conversions Part 2

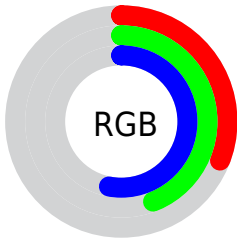
Format	Color
R_YB	78, 100, 136
Decimal	5140872
CIE _{Lab}	45.92, -6.07, -16.55
CIE _{LCh}	46, 17.629, 249.874
Yxy	15.2075, 0.2488, 0.2805
Android (android.graphics.Color)	4283330952 (0xFF4E7188)
YUV	105.1570, 15.2056, -23.8167
Hunter-Lab	38.9968, -6.4924, -11.4975

Details

The Hex color **4E7188** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **88654E**, and the grayscale version is **696969**.

A 20% lighter version of the original color is **82A5BD**, and **1B4156** is the 20% darker color. If you saturate the color by 10%, you get **406C88**, and if you desaturate by 10%, it is **5C7688**.

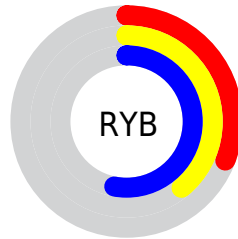
Distribution



Red (31%)

Green (44%)

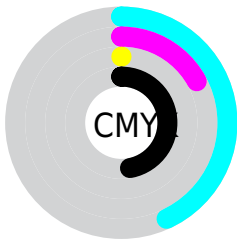
Blue (53%)



Red (31%)

Yellow (39%)

Blue (53%)

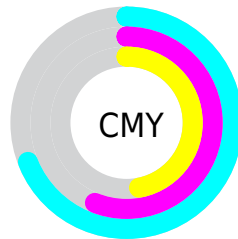


Cyan (43%)

Magenta (17%)

Yellow (0%)

Black (47%)



Cyan (69%)

Magenta (56%)

Yellow (47%)

Brightness & Saturation Gradients

These gradients show how the Hex color 4E7188 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 4E7188 by changing the saturation by 10% instead.



4E7188



4E7188

FFFFFF



35596F



82A5BD



1B4156



9CC0D9



002B3F



B8DCF6



001729



D4F8FF



000114



F1FFFF



000000



4E7188



4E7188



406C88



5C7688



336688



697C88

■ 256188

■ 778188

■ 185B88

■ 848788

■ 0A5688

■ 928C88

■ 005288

■ A09188

■ AD9788

■ BB9C88

■ C8A288

Harmonies

Analogous

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



42747F



4E7188



626C8A

Triad

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



4E7188



8B6268



627256

Complementary

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



4E7188



88654E

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.



736D50



4E7188



89645B

Square

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



4E7188



846377



806851



527462

Rectangle

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



4E7188



6F6986



806851



687053

Sweetspot

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



4E7188



99A7B0



4E8864



4B5459



D9D9D9



595959

Same Dimension

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



4E7188



568CB0



4E5588



3E4245



005085



000305

Inverse Universe

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



884E71



B0568C



88814E



453E42



850050



050003

Previews

White Background



This preview shows how the Hex color 4E7188 looks on a white background.

Color Contrast Check

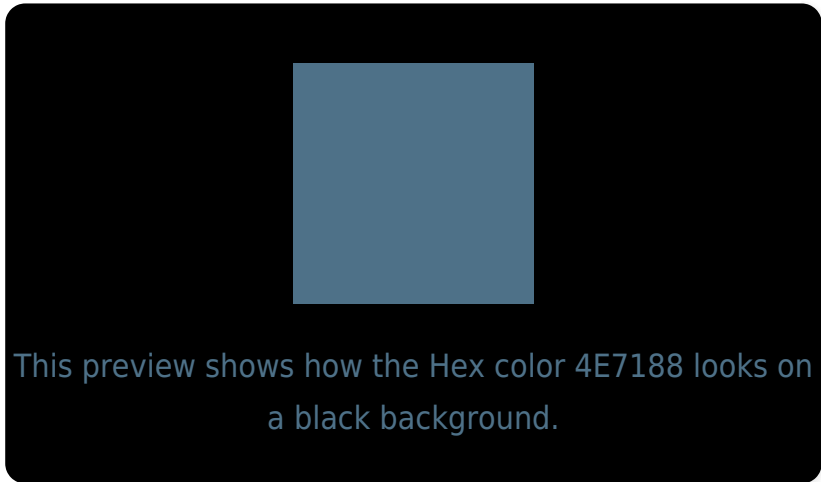
Large Text (above 18pt) WCAG AA ✓ Pass

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

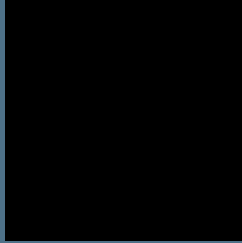
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

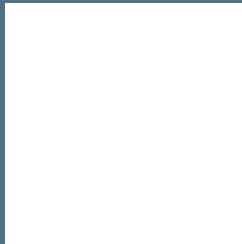
Any Text WCAG AAA × Fail

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

Hex 4E7188 Background



This preview shows how black text looks on a background with the Hex color 4E7188.



This preview shows how white text looks on a background with the Hex color 4E7188.

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
4E7188

Protanopia
676B84

Deuteranopia
686A89



Tritanopia
4B737C

Trichromacy



Original Color
4E7188

Protanomaly
5E6D85

Deuteranomaly
5F6D89

Tritanomaly
4C7280

Monochromacy



Original Color
4E7188

Achromatopsia
696969

Achromatomaly
5F6C74

CSS Examples

Text

The CSS property to change the color of the text to Hex 4E7188 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 #4E7188 looks like.

```
.text, #text, p{  
    color:#4E7188  
}
```

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 #4E7188 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4E7188  
}
```

Border

The CSS property to change the border of an element to Hex 4E7188 is called "border". The border property can be set on classes, ids or directly on the HTML element.

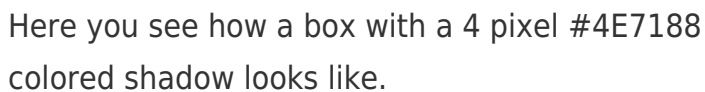
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid  
#4E7188 }
```

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

```
.border{ border-color:#4E7188 }
```

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



Here you see how a box with a 4 pixel #4E7188 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4E7188; -webkit-box-shadow:4px 4px  
4px 4px #4E7188; box-shadow:4px 4px 4px  
4px #4E7188 }
```

Background

The CSS property to change the background color of an element to Hex 4E7188 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4E7188 }
```

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

```
.background{ background-color:#4E7188 }
```

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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