

Converting Colors

Hex(4E7287)

Have a look what the booklet for
Hex(4E7287) contains.

Hex(4E7287)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(4E7287)

Conversions

Conversions Part 1

Format	Color
Hex	4E7287
RGB	78, 114, 135
RGB Percent	31%, 45%, 53%
CMY	0.6941, 0.5529, 0.4706
CMYK	0.42, 0.16, 0.00, 0.47
HSL	202°, 27%, 42%
HSV	202°, 42%, 53%
XYZ	13.5324, 15.4036, 25.1816
YIQ	105.6300, -28.1970, -1.1010

Conversions

Conversions Part 2

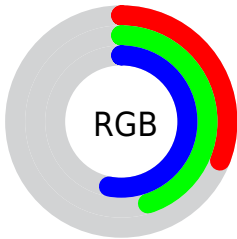
Format	Color
R_{YB}	78, 100, 135
Decimal	5141127
CIE _{Lab}	46.18, -6.94, -15.55
CIE _{LCh}	46, 17.032, 245.949
Yxy	15.4036, 0.2501, 0.2846
Android (android.graphics.Color)	4283331207 (0xFF4E7287)
YUV	105.6300, 14.4794, -24.2315
Hunter-Lab	39.2474, -7.1368, -10.5680

Details

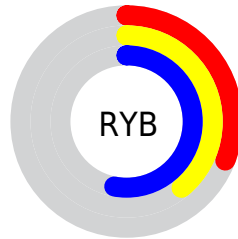
The Hex color **4E7287** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **87634E**, and the grayscale version is **6A6A6A**.

A 20% lighter version of the original color is **82A6BC**, and **1B4255** is the 20% darker color. If you saturate the color by 10%, you get **416D87**, and if you desaturate by 10%, it is **5C7787**.

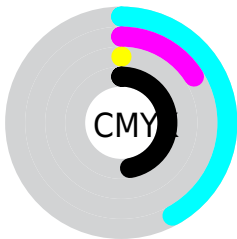
Distribution



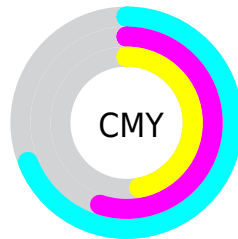
- Red (31%)
- Green (45%)
- Blue (53%)



- Red (31%)
- Yellow (39%)
- Blue (53%)



- Cyan (42%)
- Magenta (16%)
- Yellow (0%)
- Black (47%)



- Cyan (69%)
- Magenta (55%)
- Yellow (47%)

Brightness & Saturation Gradients

These gradients show how the Hex color 4E7287 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 4E7287 by changing the saturation by 10% instead.

■ 4E7287

■ 4E7287

FFFFFF

■ 355A6E

■ 82A6BC

■ 1B4255

■ 9CC1D8

■ 002C3E

■ B8DDF5

■ 001828

■ D4F9FF

■ 000113

■ F1FFFF

■ 000000

■ 4E7287

■ 4E7287

■ 416D87

■ 5C7787

■ 336887

■ 697C87

■ 266387

■ 778187

■ 185E87

■ 848687

■ 0B5987

■ 928B87

■ 005587

■ 9F9087

■ AD9587

■ BA9A87

■ C89F87

Harmonies

Analogous

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



45757E



4E7287



606E8A

Triad

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



4E7287



8A636B



657256

Complementary

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



4E7287



87634E

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.



756D51



4E7287



8A655D

Square

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



4E7287



826579



826954



557461

Rectangle

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



4E7287



6D6A87



826954



6B7054

Sweetspot

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



4E7287



99A8B0



4E8763



4B5459



D9D9D9



595959

Same Dimension

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



4E7287



568FB0



4E5687



3C4042



005282



000203

Inverse Universe

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



874E72



B0568F



877F4E



423C40



820052



030002

Previews

White Background



This preview shows how the Hex color 4E7287 looks on a white background.

Color Contrast Check

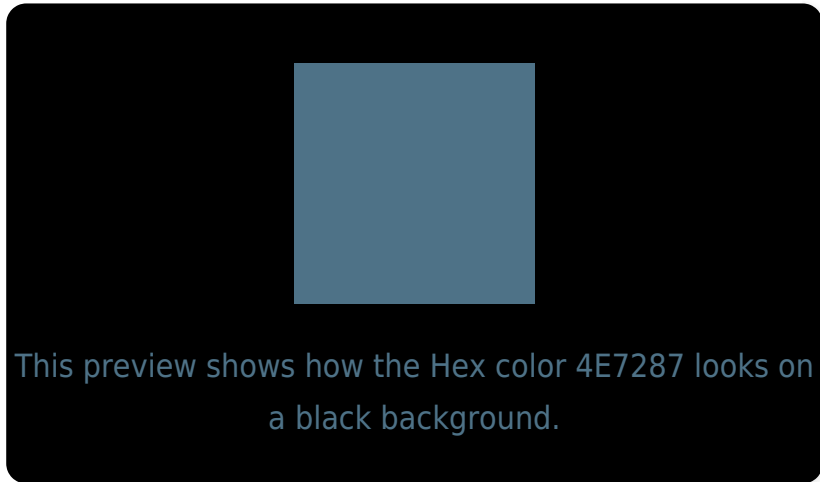
Large Text (above 18pt) WCAG AA ✓ Pass

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

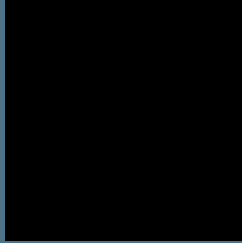
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

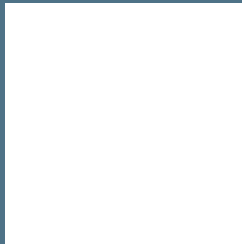
Any Text WCAG AAA × Fail

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

Hex 4E7287 Background



This preview shows how black text looks on a background with the Hex color 4E7287.

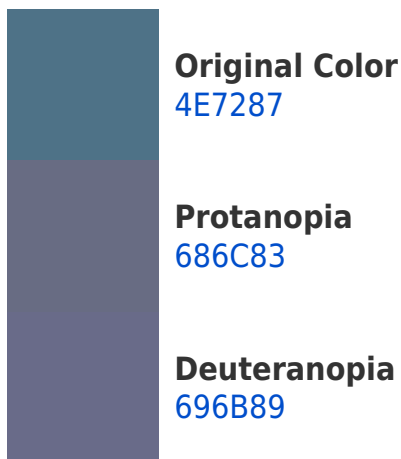


This preview shows how white text looks on a background with the Hex color 4E7287.

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
4B747D

Trichromacy



Original Color
4E7287

Protanomaly
5F6E84

Deuteranomaly
5F6E88

Tritanomaly
4C7381

Monochromacy



Original Color
4E7287

Achromatopsia
6A6A6A

Achromatomaly
606D75

CSS Examples

Text

The CSS property to change the color of the text to Hex 4E7287 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 #4E7287 looks like.

```
.text, #text, p{  
    color:#4E7287  
}
```

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 #4E7287 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4E7287
}
```

Border

The CSS property to change the border of an element to Hex 4E7287 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
#4E7287 }
```

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

```
.border{ border-color:#4E7287 }
```

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

Here you see how a box with a 4 pixel #4E7287 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4E7287; -webkit-box-shadow:4px 4px  
4px 4px #4E7287; box-shadow:4px 4px 4px  
4px #4E7287 }
```

Background

The CSS property to change the background color of an element to Hex 4E7287 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4E7287 }
```

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

```
.background{ background-color:#4E7287 }
```

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](#).

Hey! You found this booklet
interesting? Support Converting
Colors with the new Membership
Option!

The pro membership hides all ads, plus gives you
double the colors in the color bucket, and more
awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor