

Converting Colors

Hex(4E7073)

Have a look what the booklet for
Hex(4E7073) contains.

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Color

Hex(4E7073)

Conversions

Conversions Part 1

Format	Color
Hex	4E7073
RGB	78, 112, 115
RGB Percent	31%, 44%, 45%
CMY	0.6941, 0.5608, 0.5490
CMYK	0.32, 0.03, 0.00, 0.55
HSL	185°, 19%, 38%
HSV	185°, 32%, 45%
XYZ	12.0306, 14.4458, 18.3739
YIQ	102.1760, -21.2270, -6.2750

Conversions

Conversions Part 2

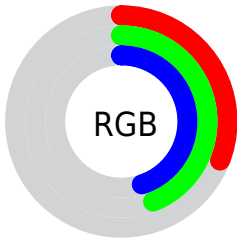
Format	Color
R_{YB}	78, 96, 115
Decimal	5140595
CIE Lab	44.87, -11.31, -5.58
CIE LCh	45, 12.608, 206.267
Yxy	14.4458, 0.2682, 0.3221
Android (android.graphics.Color)	4283330675 (0xFF4E7073)
YUV	102.1760, 6.3222, -21.2024
Hunter-Lab	38.0077, -10.0129, -2.0569

Details

The Hex color **4E7073** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **73514E**, and the grayscale version is **666666**.

A 20% lighter version of the original color is **80A4A7**, and **1E4043** is the 20% darker color. If you saturate the color by 10%, you get **436F73**, and if you desaturate by 10%, it is **5A7173**.

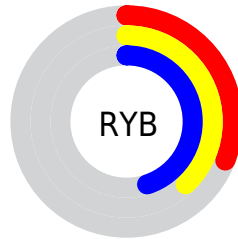
Distribution



Red (31%)

Green (44%)

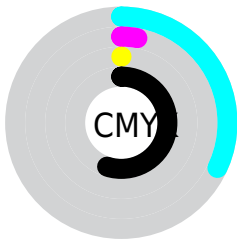
Blue (45%)



Red (31%)

Yellow (38%)

Blue (45%)

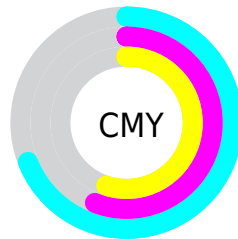


Cyan (32%)

Magenta (3%)

Yellow (0%)

Black (55%)



Cyan (69%)

Magenta (56%)

Yellow (55%)

Brightness & Saturation Gradients

These gradients show how the Hex color 4E7073 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 4E7073 by changing the saturation by 10% instead.

■ 4E7073

■ 4E7073

FFFFFF

■ 36585A

■ 80A4A7

■ 1E4043

■ 9BBFC2

■ 062A2D

■ B6DBDE

■ 001618

■ D2F7FA

■ 000000

■ EEEFFF

■ 4E7073

■ 4E7073

■ 436F73

■ 5A7173

■ 376E73

■ 657273

■ 2C6D73

■ 717373

■ 206C73

■ 7C7473

■ 156B73

■ 887573

■ 096A73

■ 937673

■ 006A73

■ 9F7773

■ AA7773

■ B67873

Harmonies

Analogous

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



527068



4E7073



526E7B

Triad

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



4E7073



776576



746955

Complementary

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



4E7073



73514E

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.



7C6659



4E7073



7E636C

Square

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



4E7073



6A687D



806361



686C57

Rectangle

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



4E7073



586D7E



806361



776856

Sweetspot

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



4E7073



879596



4E7350



434C4D



CCCCCC



4D4D4D

Same Dimension

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



4E7073



5C9296



4E5E73



353A3B



00707A



00E6FA

Inverse Universe

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



734E70



965C92



73634E



3B353A



7A0070



FA00E6

Previews

White Background



This preview shows how the Hex color 4E7073 looks on a white background.

Color Contrast Check

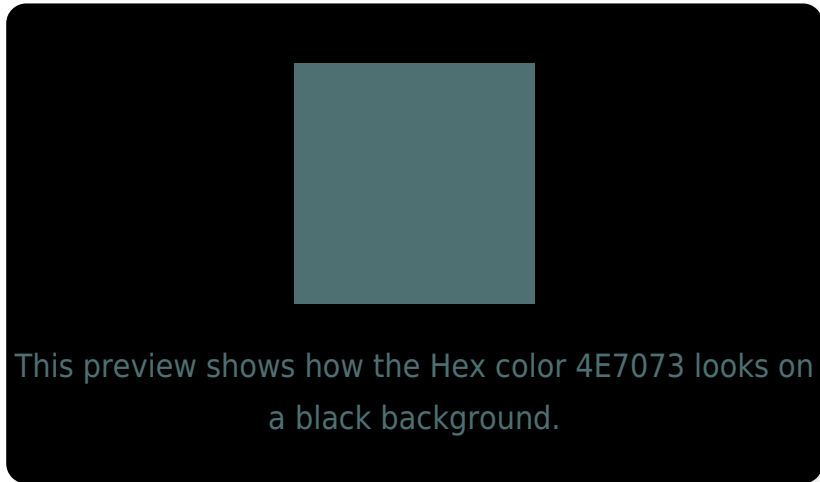
Large Text (above 18pt) WCAG AA ✓ Pass

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 4E7073 Background



This preview shows how black text looks on a background with the Hex color 4E7073.



This preview shows how white text looks on a background with the Hex color 4E7073.

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
4E7073

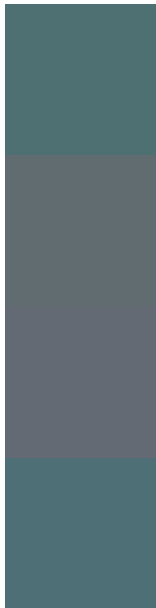
Protanopia
6A696F

Deuteranopia
6F6775



Tritanopia
4F6F78

Trichromacy



Original Color
4E7073

Protanomaly
606C70

Deuteranomaly
636A74

Tritanomaly
4F6F76

Monochromacy



Original Color
4E7073

Achromatopsia
666666

Achromatomaly
5D6A6B

CSS Examples

Text

The CSS property to change the color of the text to Hex 4E7073 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 #4E7073 looks like.

```
.text, #text, p{  
    color:#4E7073  
}
```

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 #4E7073 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4E7073
}
```

Border

The CSS property to change the border of an element to Hex 4E7073 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
#4E7073 }
```

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

```
.border{ border-color:#4E7073 }
```

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

Here you see how a box with a 4 pixel #4E7073 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4E7073; -webkit-box-shadow:4px 4px  
4px 4px #4E7073; box-shadow:4px 4px 4px  
4px #4E7073 }
```

Background

The CSS property to change the background color of an element to Hex 4E7073 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4E7073 }
```

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

```
.background{ background-color:#4E7073 }
```

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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