

Converting Colors

Hex(4E5A6D)

Have a look what the booklet for
Hex(4E5A6D) contains.

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Color

Hex(4E5A6D)

Conversions

Conversions Part 1

Format	Color
Hex	4E5A6D
RGB	78, 90, 109
RGB Percent	31%, 35%, 43%
CMY	0.6941, 0.6471, 0.5725
CMYK	0.28, 0.17, 0.00, 0.57
HSL	217°, 17%, 37%
HSV	217°, 28%, 43%
XYZ	9.5584, 10.0362, 15.9014
YIQ	88.5780, -13.2510, 3.3650

Conversions

Conversions Part 2

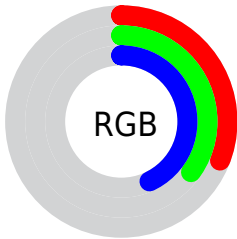
Format	Color
R _Y B	78, 87, 109
Decimal	5134957
CIE Lab	37.91, 0.16, -12.38
CIE LCh	38, 12.380, 270.725
Yxy	10.0362, 0.2693, 0.2827
Android (android.graphics.Color)	4283325037 (0xFF4E5A6D)
YUV	88.5780, 10.0680, -9.2769
Hunter-Lab	31.6799, -1.5833, -7.5841

Details

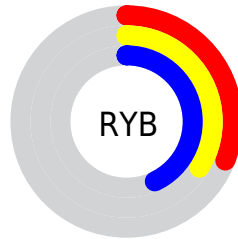
The Hex color **4E5A6D** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **6D614E**, and the grayscale version is **585858**.

A 20% lighter version of the original color is **808CA1**, and **202D3D** is the 20% darker color. If you saturate the color by 10%, you get **43536D**, and if you desaturate by 10%, it is **59616D**.

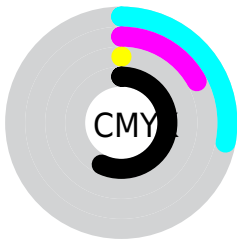
Distribution



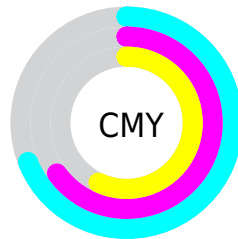
- Red (31%)
- Green (35%)
- Blue (43%)



- Red (31%)
- Yellow (34%)
- Blue (43%)



- Cyan (28%)
- Magenta (17%)
- Yellow (0%)
- Black (57%)



- Cyan (69%)
- Magenta (65%)
- Yellow (57%)

Brightness & Saturation Gradients

These gradients show how the Hex color 4E5A6D 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 4E5A6D by changing the saturation by 10% instead.

■ 4E5A6D

■ 4E5A6D

FFFFFF

■ 374355

■ 808CA1

■ 202D3D

■ 9AA6BC

■ 0A1828

■ B5C1D7

■ 000113

■ D1DDF4

■ 000000

■ EDFAFF

■ 4E5A6D

■ 4E5A6D

■ 43536D

■ 59616D

■ 384D6D

■ 64676D

■ 2D466D

■ 6F6E6D

■ 223F6D

■ 7A756D

■ 18396D

■ 857B6D

■ 0D326D

■ 8F826D

■ 022B6D

■ 9A896D

■ 002A6D

■ A58F6D

■ B0966D

Harmonies

Analogous

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



435D6A



4E5A6D



5B576A

Triad

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



4E5A6D



6E534F



4A5E4F

Complementary

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



4E5A6D



6D614E

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.



565C48



4E5A6D



695548

Square

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



4E5A6D



6D5259



615945



415F59

Rectangle

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



4E5A6D



635466



615945



4E5D4C

Sweetspot

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



4E5A6D



82878F



4E6D61



404347



C7C7C7



474747

Same Dimension

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



4E5A6D



5E718F



514E6D



303236



002D75



005FF5

Inverse Universe

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



6D4E5A



8F5E71



6A6D4E



363032



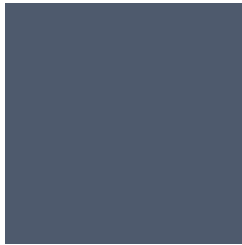
75002D



F5005F

Previews

White Background



This preview shows how the Hex color 4E5A6D looks on a white background.

Color Contrast Check

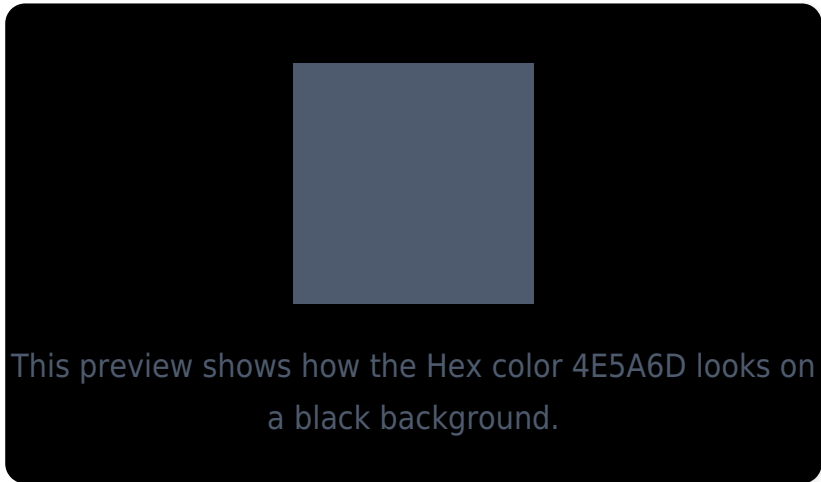
Large Text (above 18pt) WCAG AA ✓ Pass

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

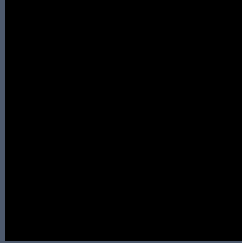
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

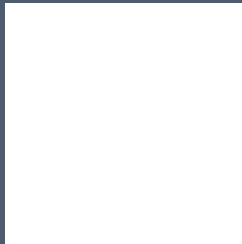
Any Text WCAG AAA × Fail

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

Hex 4E5A6D Background



This preview shows how black text looks on a background with the Hex color 4E5A6D.

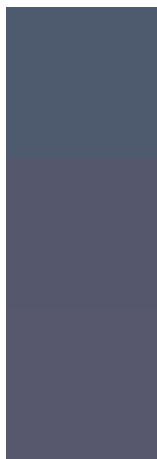


This preview shows how white text looks on a background with the Hex color 4E5A6D.

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

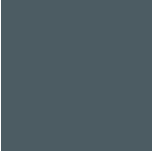
4E5A6D

Protanopia

55586C

Deuteranopia

57576E



Tritanopia
4C5C63

Trichromacy



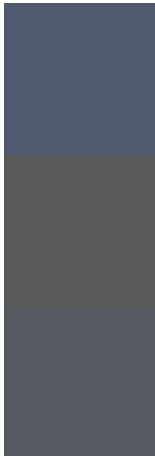
Original Color
4E5A6D

Protanomaly
52596C

Deuteranomaly
54586E

Tritanomaly
4D5B67

Monochromacy



Original Color
4E5A6D

Achromatopsia
595959

Achromatomaly
555960

CSS Examples

Text

The CSS property to change the color of the text to Hex 4E5A6D 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 #4E5A6D looks like.

```
.text, #text, p{  
    color:#4E5A6D  
}
```

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 #4E5A6D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4E5A6D
}
```

Border

The CSS property to change the border of an element to Hex 4E5A6D is called "border". The border property can be set on classes, ids or directly on the HTML element.

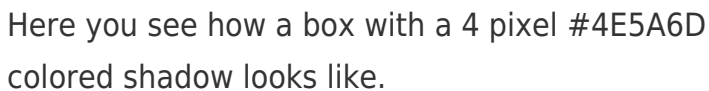
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#4E5A6D }
```

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

```
.border{ border-color:#4E5A6D }
```

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



Here you see how a box with a 4 pixel #4E5A6D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4E5A6D; -webkit-box-shadow:4px 4px  
4px 4px #4E5A6D; box-shadow:4px 4px 4px  
4px #4E5A6D }
```

Background

The CSS property to change the background color of an element to Hex 4E5A6D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4E5A6D }
```

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

```
.background{ background-color:#4E5A6D }
```

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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