

Converting Colors

Hex(4E5A6C)

Have a look what the booklet for
Hex(4E5A6C) contains.

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Color

Hex(4E5A6C)

Conversions

Conversions Part 1

Format	Color
Hex	4E5A6C
RGB	78, 90, 108
RGB Percent	31%, 35%, 42%
CMY	0.6941, 0.6471, 0.5765
CMYK	0.28, 0.17, 0.00, 0.58
HSL	216°, 16%, 36%
HSV	216°, 28%, 42%
XYZ	9.5048, 10.0147, 15.6194
YIQ	88.4640, -12.9300, 3.0540

Conversions

Conversions Part 2

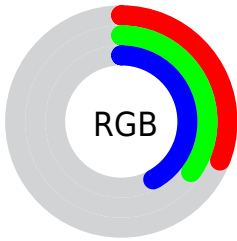
Format	Color
R_{YB}	78, 87, 108
Decimal	5134956
CIE _{Lab}	37.87, -0.11, -11.82
CIE _{LCh}	38, 11.820, 269.452
Yxy	10.0147, 0.2705, 0.2850
Android (android.graphics.Color)	4283325036 (0xFF4E5A6C)
YUV	88.4640, 9.6312, -9.1769
Hunter-Lab	31.6461, -1.7686, -7.1113

Details

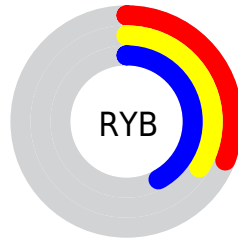
The Hex color **4E5A6C** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **6C604E**, and the grayscale version is **585858**.

A 20% lighter version of the original color is **808C9F**, and **202D3D** is the 20% darker color. If you saturate the color by 10%, you get **43546C**, and if you desaturate by 10%, it is **59606C**.

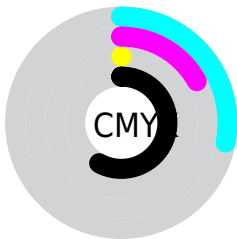
Distribution



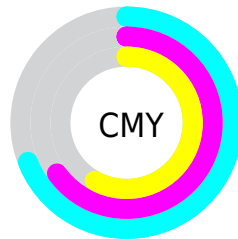
- Red (31%)
- Green (35%)
- Blue (42%)



- Red (31%)
- Yellow (34%)
- Blue (42%)



- Cyan (28%)
- Magenta (17%)
- Yellow (0%)
- Black (58%)



- Cyan (69%)
- Magenta (65%)
- Yellow (58%)

Brightness & Saturation Gradients

These gradients show how the Hex color 4E5A6C 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 4E5A6C by changing the saturation by 10% instead.



4E5A6C



4E5A6C

FFFFFF



374354



808C9F



202D3D



9AA6BA



0B1827



B5C1D6



000112



D0DDF3



000000



EDFAFF



4E5A6C



4E5A6C



43546C



59606C



384D6C



64676C

■ 2E476C

■ 6E6D6C

■ 23406C

■ 79746C

■ 183A6C

■ 847A6C

■ 0D336C

■ 8F816C

■ 022D6C

■ 9A876C

■ 002B6C

■ A48E6C

■ AF946C

Harmonies

Analogous

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



435D69



4E5A6C



5B576A

Triad

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



4E5A6C



6D5350



4B5E4F

Complementary

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



4E5A6C



6C604E

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.



565B48



4E5A6C



695549

Square

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



4E5A6C



6C525A



615846



435F59

Rectangle

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



4E5A6C



625566



615846



4F5D4C

Sweetspot

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



4E5A6C



81868C



4E6C60



404347



C7C7C7



474747

Same Dimension

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



4E5A6C



5E708C



514E6C



303236



002F75



0062F5

Inverse Universe

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



6C4E5A



8C5E70



696C4E



363032



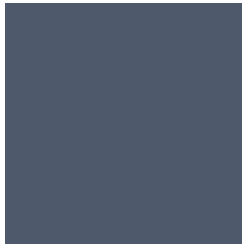
75002F



F50062

Previews

White Background



This preview shows how the Hex color 4E5A6C looks on a white background.

Color Contrast Check

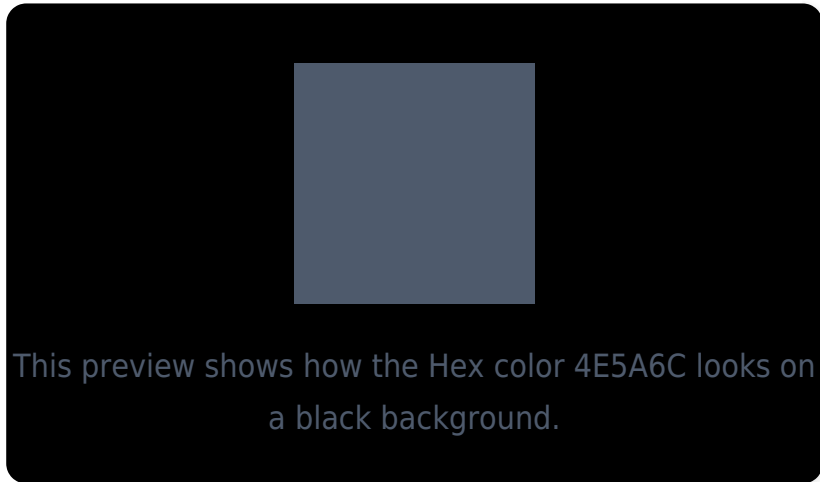
Large Text (above 18pt) WCAG AA ✓ Pass

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

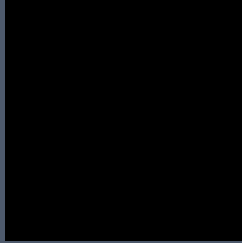
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

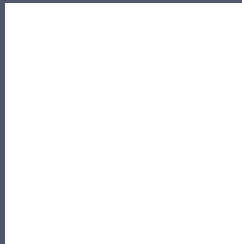
Any Text WCAG AAA × Fail

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

Hex 4E5A6C Background



This preview shows how black text looks on a background with the Hex color 4E5A6C.

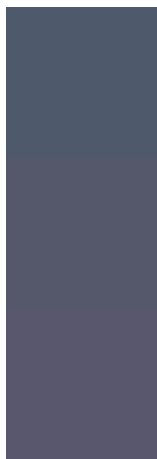


This preview shows how white text looks on a background with the Hex color 4E5A6C.

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](#).

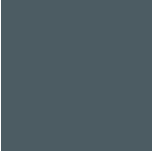
Dichromacy



Original Color
4E5A6C

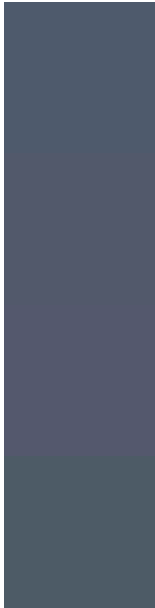
Protanopia
55586B

Deuteranopia
58576D



Tritanopia
4C5C63

Trichromacy



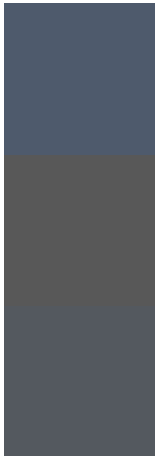
Original Color
4E5A6C

Protanomaly
52596B

Deuteranomaly
54586D

Tritanomaly
4D5B66

Monochromacy



Original Color
4E5A6C

Achromatopsia
585858

Achromatomaly
54595F

CSS Examples

Text

The CSS property to change the color of the text to Hex 4E5A6C 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 #4E5A6C looks like.

```
.text, #text, p{  
    color:#4E5A6C  
}
```

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 #4E5A6C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4E5A6C
}
```

Border

The CSS property to change the border of an element to Hex 4E5A6C is called "border". The border property can be set on classes, ids or directly on the HTML element.

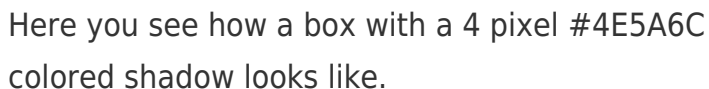
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#4E5A6C }
```

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

```
.border{ border-color:#4E5A6C }
```

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



Here you see how a box with a 4 pixel #4E5A6C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4E5A6C; -webkit-box-shadow:4px 4px  
4px 4px #4E5A6C; box-shadow:4px 4px 4px  
4px #4E5A6C }
```

Background

The CSS property to change the background color of an element to Hex 4E5A6C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4E5A6C }
```

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

```
.background{ background-color:#4E5A6C }
```

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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