

Converting Colors

Hex(4E5573)

Have a look what the booklet for
Hex(4E5573) contains.

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Color

Hex(4E5573)

Conversions

Conversions Part 1

Format	Color
Hex	4E5573
RGB	78, 85, 115
RGB Percent	31%, 33%, 45%
CMY	0.6941, 0.6667, 0.5490
CMYK	0.32, 0.26, 0.00, 0.55
HSL	229°, 19%, 38%
HSV	229°, 32%, 45%
XYZ	9.4849, 9.3545, 17.5253
YIQ	86.3270, -13.8020, 7.8460

Conversions

Conversions Part 2

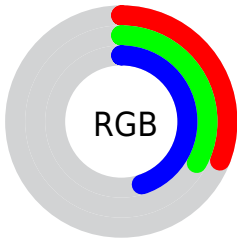
Format	Color
R_YB	78, 84, 115
Decimal	5133683
CIE Lab	36.66, 4.94, -18.00
CIE LCh	37, 18.669, 285.355
Yxy	9.3545, 0.2608, 0.2572
Android (android.graphics.Color)	4283323763 (0xFF4E5573)
YUV	86.3270, 14.1358, -7.3028
Hunter-Lab	30.5851, 1.8315, -12.5637

Details

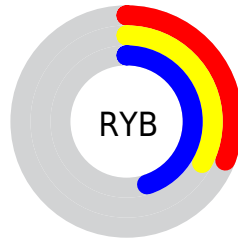
The Hex color **4E5573** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **736C4E**, and the grayscale version is **565656**.

A 20% lighter version of the original color is **8087A7**, and **202843** is the 20% darker color. If you saturate the color by 10%, you get **434C73**, and if you desaturate by 10%, it is **5A5E73**.

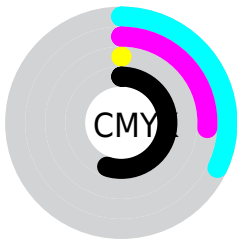
Distribution



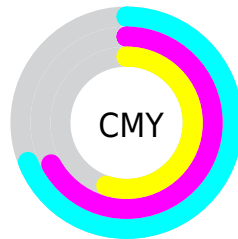
- Red (31%)
- Green (33%)
- Blue (45%)



- Red (31%)
- Yellow (33%)
- Blue (45%)



- Cyan (32%)
- Magenta (26%)
- Yellow (0%)
- Black (55%)



- Cyan (69%)
- Magenta (67%)
- Yellow (55%)

Brightness & Saturation Gradients

These gradients show how the Hex color 4E5573 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 4E5573 by changing the saturation by 10% instead.

■ 4E5573

■ 4E5573

FFFFFF

■ 363E5A

■ 8087A7

■ 202843

■ 9AA1C2

■ 09142C

■ B5BCDE

■ 000118

■ D1D7FB

■ 000000

■ EEF4FF

■ 4E5573

■ 4E5573

■ 434C73

■ 5A5E73

■ 374273

■ 656873

■ 2C3973

■ 717173

■ 203073

■ 7C7A73

■ 152673

■ 888473

■ 091D73

■ 938D73

■ 001673

■ 9F9673

■ AAA073

■ B6A973

Harmonies

Analogous

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



385A73



4E5573



62506B

Triad

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



4E5573



714E42



375E4E

Complementary

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



4E5573



736C4E

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.



485C41



4E5573



675339

Square

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



4E5573



744B4F



595839



285F5E

Rectangle

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



4E5573



6C4D63



595839



3C5D49

Sweetspot

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



4E5573



878A96



4E736C



43454D



CCCCCC



4D4D4D

Same Dimension

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



4E5573



5C6796



594E73



35363B



00177A



002FFA

Inverse Universe

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



734E55



965C67



68734E



3B3536



7A0017



FA002F

Previews

White Background



This preview shows how the Hex color 4E5573 looks on a white background.

Color Contrast Check

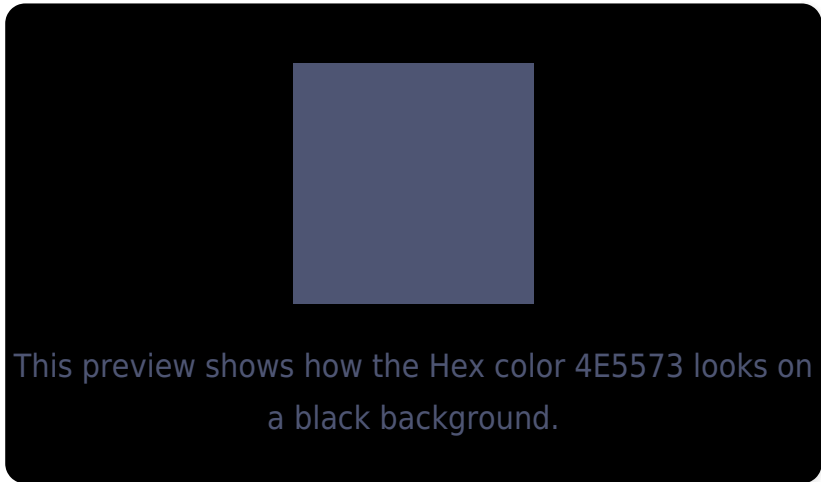
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

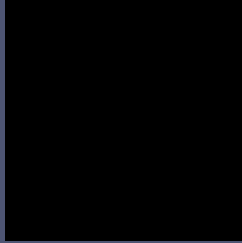
Any Text WCAG AA × Fail

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 4E5573 Background



This preview shows how black text looks on a background with the Hex color 4E5573.

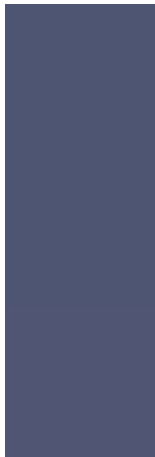


This preview shows how white text looks on a background with the Hex color 4E5573.

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](#).

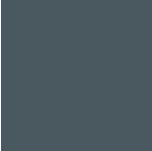
Dichromacy



Original Color
4E5573

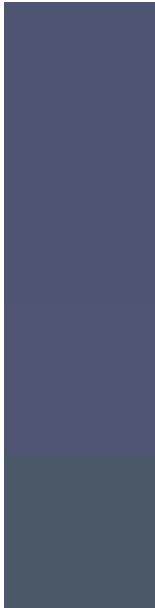
Protanopia
4E5573

Deuteranopia
4F5573



Tritanopia
4A5960

Trichromacy



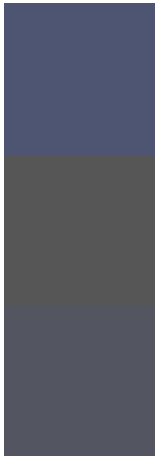
Original Color
4E5573

Protanomaly
4E5573

Deuteranomaly
4F5573

Tritanomaly
4B5867

Monochromacy



Original Color
4E5573

Achromatopsia
565656

Achromatomaly
535661

CSS Examples

Text

The CSS property to change the color of the text to Hex 4E5573 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 #4E5573 looks like.

```
.text, #text, p{  
    color:#4E5573  
}
```

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 #4E5573 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4E5573
}
```

Border

The CSS property to change the border of an element to Hex 4E5573 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
#4E5573 }
```

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

```
.border{ border-color:#4E5573 }
```

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

Here you see how a box with a 4 pixel #4E5573 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4E5573; -webkit-box-shadow:4px 4px  
4px 4px #4E5573; box-shadow:4px 4px 4px  
4px #4E5573 }
```

Background

The CSS property to change the background color of an element to Hex 4E5573 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4E5573 }
```

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

```
.background{ background-color:#4E5573 }
```

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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