

Converting Colors

Hex(4E5675)

Have a look what the booklet for
Hex(4E5675) contains.

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Color

Hex(4E5675)

Conversions

Conversions Part 1

Format	Color
Hex	4E5675
RGB	78, 86, 117
RGB Percent	31%, 34%, 46%
CMY	0.6941, 0.6627, 0.5412
CMYK	0.33, 0.26, 0.00, 0.54
HSL	228°, 20%, 38%
HSV	228°, 33%, 46%
XYZ	9.6806, 9.5596, 18.1646
YIQ	87.1420, -14.7190, 7.9450

Conversions

Conversions Part 2

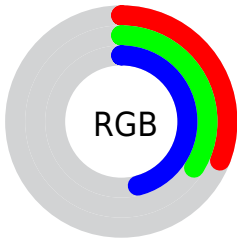
Format	Color
R_{YB}	78, 85, 117
Decimal	5133941
CIE _{Lab}	37.04, 4.88, -18.65
CIE _{LCh}	37, 19.279, 284.664
Yxy	9.5596, 0.2588, 0.2556
Android (android.graphics.Color)	4283324021 (0xFF4E5675)
YUV	87.1420, 14.7200, -8.0175
Hunter-Lab	30.9187, 1.7803, -13.1896

Details

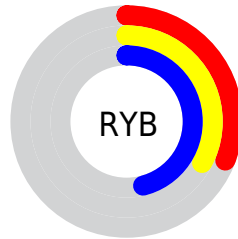
The Hex color **4E5675** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **756D4E**, and the grayscale version is **575757**.

A 20% lighter version of the original color is **8088A9**, and **1F2945** is the 20% darker color. If you saturate the color by 10%, you get **424D75**, and if you desaturate by 10%, it is **5A5F75**.

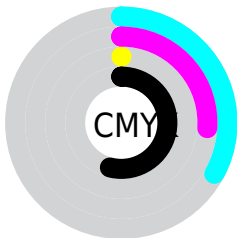
Distribution



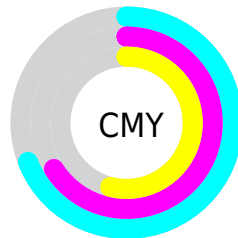
- Red (31%)
- Green (34%)
- Blue (46%)



- Red (31%)
- Yellow (33%)
- Blue (46%)



- Cyan (33%)
- Magenta (26%)
- Yellow (0%)
- Black (54%)



- Cyan (69%)
- Magenta (66%)
- Yellow (54%)

Brightness & Saturation Gradients

These gradients show how the Hex color 4E5675 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 4E5675 by changing the saturation by 10% instead.



4E5675



4E5675

FFFFFF



363F5C



8088A9



1F2945



9AA2C4



08152E



B6BDE0



000119



D1D9FD



000000



EEF5FF



4E5675



4E5675



424D75



5A5F75



374375



656975

■ 2B3A75

■ 717275

■ 1F3175

■ 7D7B75

■ 142875

■ 898475

■ 081E75

■ 948E75

■ 001875

■ A09775

■ ACA075

■ B7AA75

Harmonies

Analogous

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



375B75



4E5675



63516D

Triad

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



4E5675



734E42



375F4E

Complementary

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



4E5675



756D4E

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.



495D41



4E5675



695339

Square

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



4E5675



764C50



5A5939



27605E

Rectangle

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



4E5675



6D4D65



5A5939



3D5E49

Sweetspot

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



4E5675



8A8D99



4E756D



43454D



CCCCCC



4D4D4D

Same Dimension

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



4E5675



5C6899



594E75



35363B



00197A



0033FA

Inverse Universe

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



754E56



995C68



6A754E



3B3536



7A0019



FA0033

Previews

White Background



This preview shows how the Hex color 4E5675 looks on a white background.

Color Contrast Check

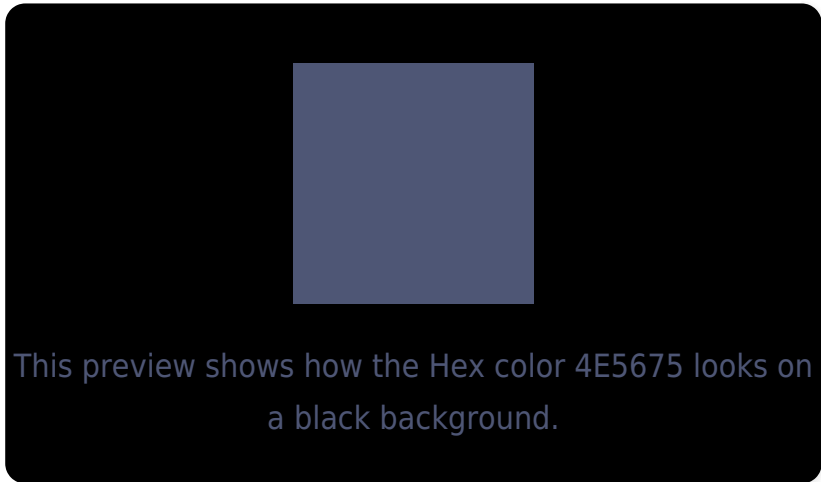
Large Text (above 18pt) WCAG AA ✓ Pass

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

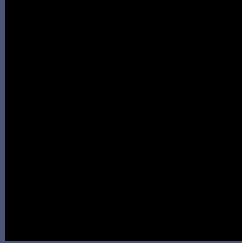
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

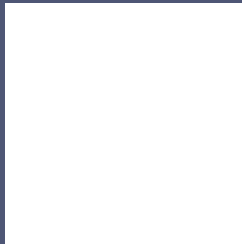
Any Text WCAG AAA × Fail

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

Hex 4E5675 Background



This preview shows how black text looks on a background with the Hex color 4E5675.

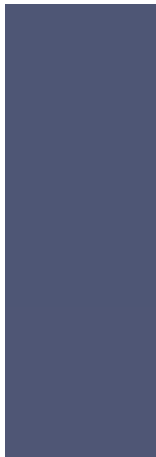


This preview shows how white text looks on a background with the Hex color 4E5675.

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](#).

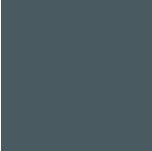
Dichromacy



Original Color
4E5675

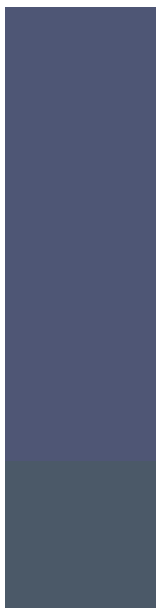
Protanopia
4E5675

Deuteranopia
4F5675



Tritanopia
495A61

Trichromacy



Original Color

4E5675

Protanomaly

4E5675

Deuteranomaly

4F5675

Tritanomaly

4B5968

Monochromacy



Original Color

4E5675

Achromatopsia

575757

Achromatomaly

545762

CSS Examples

Text

The CSS property to change the color of the text to Hex 4E5675 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 #4E5675 looks like.

```
.text, #text, p{  
    color:#4E5675  
}
```

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 #4E5675 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4E5675  
}
```

Border

The CSS property to change the border of an element to Hex 4E5675 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  
#4E5675 }
```

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

```
.border{ border-color:#4E5675 }
```

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

Here you see how a box with a 4 pixel #4E5675 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4E5675; -webkit-box-shadow:4px 4px  
4px 4px #4E5675; box-shadow:4px 4px 4px  
4px #4E5675 }
```

Background

The CSS property to change the background color of an element to Hex 4E5675 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4E5675 }
```

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

```
.background{ background-color:#4E5675 }
```

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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