

Converting Colors

Hex(4D5E78)

Have a look what the booklet for
Hex(4D5E78) contains.

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Color

Hex(4D5E78)

Conversions

Conversions Part 1

Format	Color
Hex	4D5E78
RGB	77, 94, 120
RGB Percent	30%, 37%, 47%
CMY	0.6980, 0.6314, 0.5294
CMYK	0.36, 0.22, 0.00, 0.53
HSL	216°, 22%, 39%
HSV	216°, 36%, 47%
XYZ	10.4534, 10.9393, 19.3298
YIQ	91.8810, -18.4780, 4.4820

Conversions

Conversions Part 2

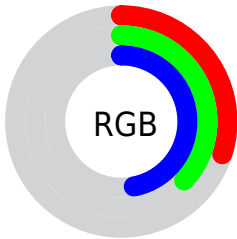
Format	Color
RYB	77, 89, 120
Decimal	5070456
CIELab	39.48, 0.43, -16.75
CIElCh	39, 16.759, 271.465
Yxy	10.9393, 0.2567, 0.2686
Android (android.graphics.Color)	4283260536 (0xFF4D5E78)
YUV	91.8810, 13.8627, -13.0506
Hunter-Lab	33.0745, -1.4643, -11.4988

Details

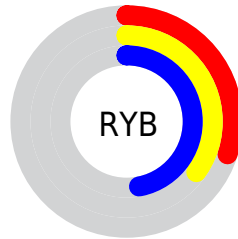
The Hex color **4D5E78** is a dark color, and the websafe version is hex **336699**. A complement of this color would be **78674D**, and the grayscale version is **5C5C5C**.

A 20% lighter version of the original color is **7F90AC**, and **1E3047** is the 20% darker color. If you saturate the color by 10%, you get **415778**, and if you desaturate by 10%, it is **596578**.

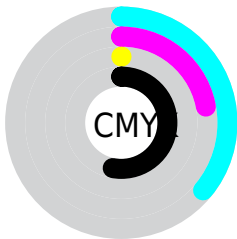
Distribution



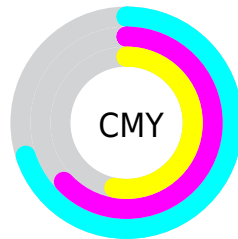
- Red (30%)
- Green (37%)
- Blue (47%)



- Red (30%)
- Yellow (35%)
- Blue (47%)



- Cyan (36%)
- Magenta (22%)
- Yellow (0%)
- Black (53%)



- Cyan (70%)
- Magenta (63%)
- Yellow (53%)

Brightness & Saturation Gradients

These gradients show how the Hex color 4D5E78 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 4D5E78 by changing the saturation by 10% instead.

■ 4D5E78

■ 4D5E78

FFFFFF

■ 35465F

■ 7F90AC

■ 1E3047

■ 9AABC8

■ 051B31

■ B5C6E4

■ 00021C

■ D1E2FF

■ 000000

■ EDFFFF

■ 4D5E78

■ 4D5E78

■ 415778

■ 596578

■ 354F78

■ 656D78

■ 294878

■ 717478

■ 1D4178

■ 7D7B78

■ 113A78

■ 898278

■ 053278

■ 958A78

■ 002F78

■ A19178

■ AD9878

■ B99F78

Harmonies

Analogous

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



3C6275



4D5E78



605974

Triad

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



4D5E78



78544F



486350

Complementary

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



4D5E78



78674D

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.



586045



4D5E78



725845

Square

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



4D5E78



77535D



665C42



3A655D

Rectangle

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



4D5E78



6B566E



665C42



4D634C

Sweetspot

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



4D5E78



8A919C



4D7867



45494F



CFCFCF



4F4F4F

Same Dimension

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



4D5E78



59739C



514D78



37393D



00317D



0064FC

Inverse Universe

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



784D5E



9C5973



74784D



3D3739



7D0031



FC0064

Previews

White Background



This preview shows how the Hex color 4D5E78 looks on a white background.

Color Contrast Check

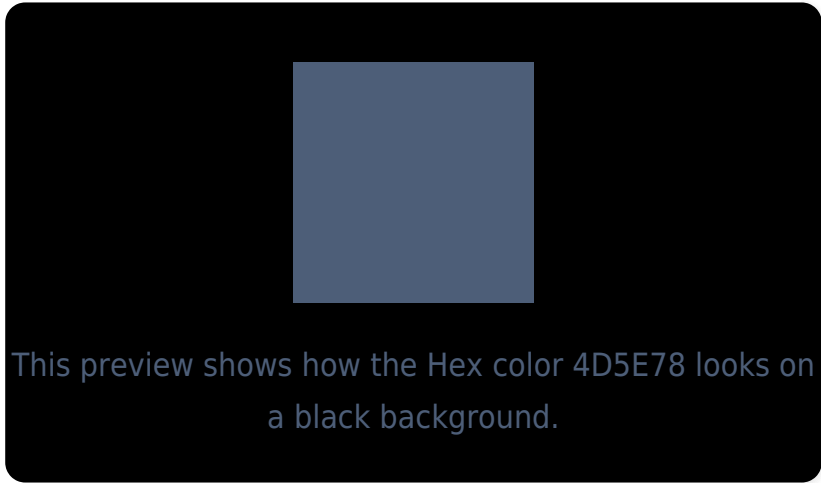
Large Text (above 18pt) WCAG AA ✓ Pass

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

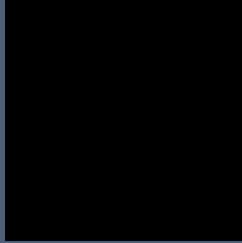
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

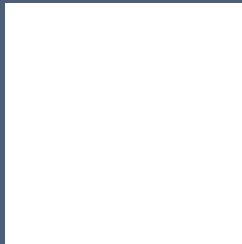
Any Text WCAG AAA × Fail

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

Hex 4D5E78 Background



This preview shows how black text looks on a background with the Hex color 4D5E78.

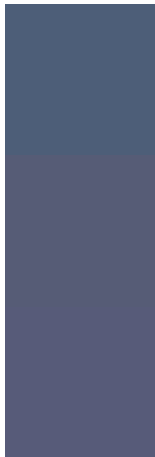


This preview shows how white text looks on a background with the Hex color 4D5E78.

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
4D5E78

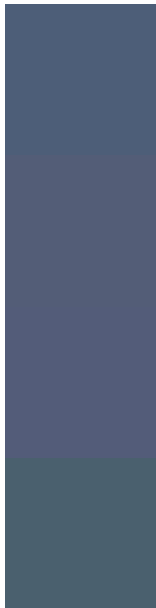
Protanopia
565C76

Deuteranopia
575B79



Tritanopia
496169

Trichromacy



Original Color
4D5E78

Protanomaly
535D77

Deuteranomaly
535C79

Tritanomaly
4A606E

Monochromacy



Original Color
4D5E78

Achromatopsia
5C5C5C

Achromatomaly
575D66

CSS Examples

Text

The CSS property to change the color of the text to Hex 4D5E78 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 #4D5E78 looks like.

```
.text, #text, p{  
    color:#4D5E78  
}
```

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 #4D5E78 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4D5E78  
}
```

Border

The CSS property to change the border of an element to Hex 4D5E78 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  
#4D5E78 }
```

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

```
.border{ border-color:#4D5E78 }
```

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

Here you see how a box with a 4 pixel #4D5E78 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4D5E78; -webkit-box-shadow:4px 4px  
4px 4px #4D5E78; box-shadow:4px 4px 4px  
4px #4D5E78 }
```

Background

The CSS property to change the background color of an element to Hex 4D5E78 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4D5E78 }
```

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

```
.background{ background-color:#4D5E78 }
```

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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