

Converting Colors

Hex(4D5677)

Have a look what the booklet for
Hex(4D5677) contains.

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Color

Hex(4D5677)

Conversions

Conversions Part 1

Format	Color
Hex	4D5677
RGB	77, 86, 119
RGB Percent	30%, 34%, 47%
CMY	0.6980, 0.6627, 0.5333
CMYK	0.35, 0.28, 0.00, 0.53
HSL	227°, 21%, 38%
HSV	227°, 35%, 47%
XYZ	9.7181, 9.5653, 18.7868
YIQ	87.0710, -15.9570, 8.3550

Conversions

Conversions Part 2

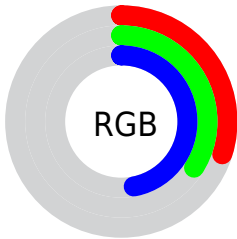
Format	Color
R_{YB}	77, 84, 119
Decimal	5068407
CIE _{Lab}	37.05, 5.14, -19.88
CIE _{LCh}	37, 20.529, 284.492
Yxy	9.5653, 0.2553, 0.2513
Android (android.graphics.Color)	4283258487 (0xFF4D5677)
YUV	87.0710, 15.7410, -8.8323
Hunter-Lab	30.9278, 1.9647, -14.3658

Details

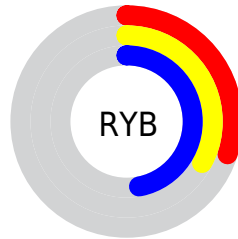
The Hex color **4D5677** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **776E4D**, and the grayscale version is **575757**.

A 20% lighter version of the original color is **7F88AB**, and **1E2946** is the 20% darker color. If you saturate the color by 10%, you get **414D77**, and if you desaturate by 10%, it is **595F77**.

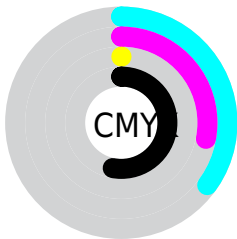
Distribution



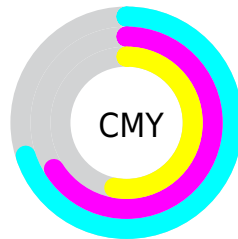
- Red (30%)
- Green (34%)
- Blue (47%)



- Red (30%)
- Yellow (33%)
- Blue (47%)



- Cyan (35%)
- Magenta (28%)
- Yellow (0%)
- Black (53%)



- Cyan (70%)
- Magenta (66%)
- Yellow (53%)

Brightness & Saturation Gradients

These gradients show how the Hex color 4D5677 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 4D5677 by changing the saturation by 10% instead.



4D5677



4D5677

FFFFFF



353F5E



7F88AB



1E2946



9AA2C7



061530



B5BDE3



00011B



D1D9FF



000000



EDF5FF



4D5677



4D5677



414D77



595F77



354377



656977

■ 293A77

■ 717277

■ 1D3177

■ 7D7B77

■ 112777

■ 888577

■ 061E77

■ 948E77

■ 001A77

■ A09777

■ ACA177

■ B8AA77

Harmonies

Analogous

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



335B77



4D5677



63506F

Triad

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



4D5677



754E41



34604E

Complementary

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



4D5677



776E4D

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.



485D3F



4D5677



6A5338

Square

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



4D5677



784B50



5A5937



22605F

Rectangle

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



4D5677



6E4D66



5A5937



3B5F48

Sweetspot

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



4D5677



8A8E9C



4D776E



45474F



CFCFCF



4F4F4F

Same Dimension

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



4D5677



5A689C



594D77



35363B



001A7A



0036FA

Inverse Universe

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



774D56



9C5A68



6B774D



3B3536



7A001A



FA0036

Previews

White Background



This preview shows how the Hex color 4D5677 looks on a white background.

Color Contrast Check

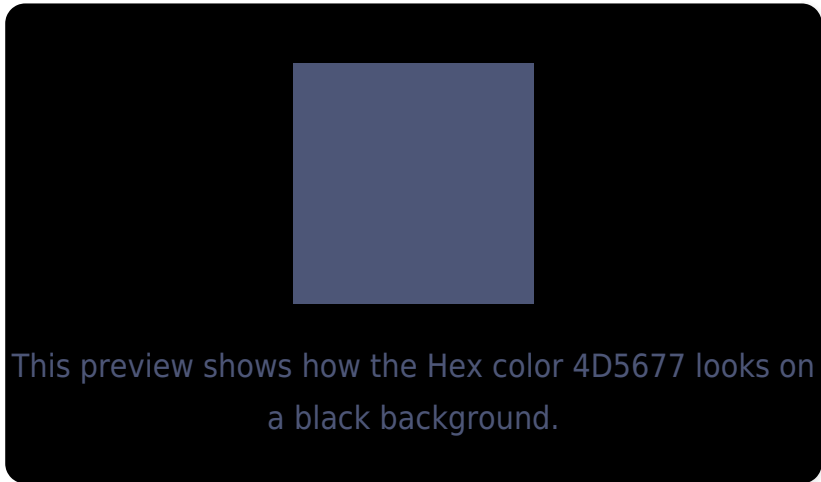
Large Text (above 18pt) WCAG AA ✓ Pass

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

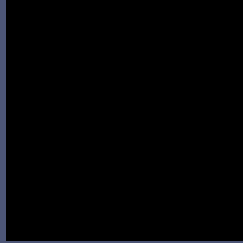
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

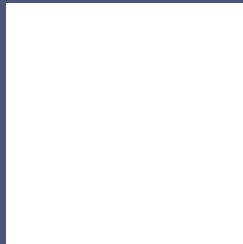
Any Text WCAG AAA × Fail

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

Hex 4D5677 Background



This preview shows how black text looks on a background with the Hex color 4D5677.

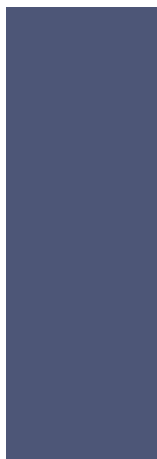


This preview shows how white text looks on a background with the Hex color 4D5677.

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

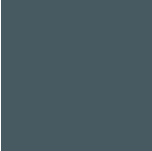
4D5677

Protanopia

4D5677

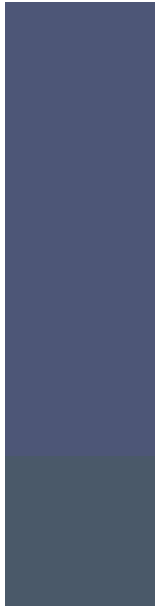
Deuteranopia

4D5677



Tritanopia
485A61

Trichromacy



Original Color

4D5677

Protanomaly

4D5677

Deuteranomaly

4D5677

Tritanomaly

4A5969

Monochromacy



Original Color

4D5677

Achromatopsia

575757

Achromatomaly

535763

CSS Examples

Text

The CSS property to change the color of the text to Hex 4D5677 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 #4D5677 looks like.

```
.text, #text, p{  
    color:#4D5677  
}
```

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 #4D5677 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4D5677  
}
```

Border

The CSS property to change the border of an element to Hex 4D5677 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  
#4D5677 }
```

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

```
.border{ border-color:#4D5677 }
```

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

Here you see how a box with a 4 pixel #4D5677 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4D5677; -webkit-box-shadow:4px 4px  
4px 4px #4D5677; box-shadow:4px 4px 4px  
4px #4D5677 }
```

Background

The CSS property to change the background color of an element to Hex 4D5677 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4D5677 }
```

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

```
.background{ background-color:#4D5677 }
```

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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