

Converting Colors

Hex(4D557F)

Have a look what the booklet for
Hex(4D557F) contains.

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Color

Hex(4D557F)

Conversions

Conversions Part 1

Format	Color
Hex	4D557F
RGB	77, 85, 127
RGB Percent	30%, 33%, 50%
CMY	0.6980, 0.6667, 0.5020
CMYK	0.39, 0.33, 0.00, 0.50
HSL	230°, 25%, 40%
HSV	230°, 39%, 50%
XYZ	10.1398, 9.6071, 21.3986
YIQ	87.3960, -18.2500, 11.3660

Conversions

Conversions Part 2

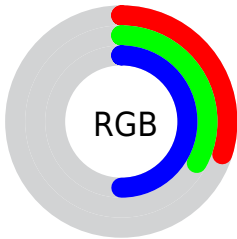
Format	Color
R_{YB}	77, 84, 127
Decimal	5068159
CIE _{Lab}	37.13, 8.14, -24.68
CIE _{LCh}	37, 25.988, 288.251
Yxy	9.6071, 0.2464, 0.2335
Android (android.graphics.Color)	4283258239 (0xFF4D557F)
YUV	87.3960, 19.5248, -9.1173
Hunter-Lab	30.9953, 4.1529, -19.2360

Details

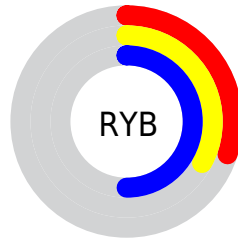
The Hex color **4D557F** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **7F774D**, and the grayscale version is **575757**.

A 20% lighter version of the original color is **8086B4**, and **1C284E** is the 20% darker color. If you saturate the color by 10%, you get **404A7F**, and if you desaturate by 10%, it is **5A607F**.

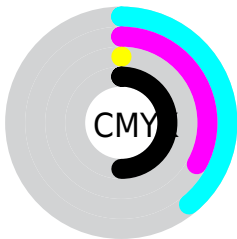
Distribution



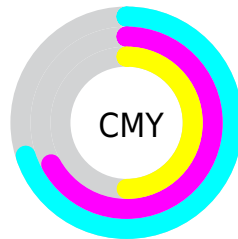
- Red (30%)
- Green (33%)
- Blue (50%)



- Red (30%)
- Yellow (33%)
- Blue (50%)



- Cyan (39%)
- Magenta (33%)
- Yellow (0%)
- Black (50%)



- Cyan (70%)
- Magenta (67%)
- Yellow (50%)

Brightness & Saturation Gradients

These gradients show how the Hex color 4D557F 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 4D557F by changing the saturation by 10% instead.

■ 4D557F

■ 4D557F

FFFFFF

■ 353E66

■ 8086B4

■ 1C284E

■ 9AA1D0

■ 021437

■ B6BCEC

■ 000221

■ D2D7FF

■ 000006

■ EEF4FF

■ 000000

■ 4D557F

■ 4D557F

■ 404A7F

■ 5A607F

■ 34407F

■ 666A7F

■ 27357F

■ 73757F

■ 1A2A7F

■ 80807F

■ 0E207F

■ 8D8A7F

■ 01157F

■ 99957F

■ 00147F

■ A6A07F

■ B3AA7F

■ BFB57F

Harmonies

Analogous

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



265C80



4D557F



694D73

Triad

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



4D557F



7A4C39



23624E

Complementary

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



4D557F



7F774D

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.



405F3B



4D557F



6C532E

Square

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



4D557F



80474B



585A2F



006264

Rectangle

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



4D557F



764967



585A2F



2E6147

Sweetspot

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



4D557F



9295A6



4D7F77



484A54



D4D4D4



545454

Same Dimension

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



4D557F



5864A6



5E4D7F



393A40



001480



000000

Inverse Universe

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



7F4D55



A65864



6E7F4D



40393A



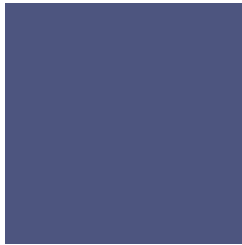
800014



000000

Previews

White Background



This preview shows how the Hex color 4D557F looks on a white background.

Color Contrast Check

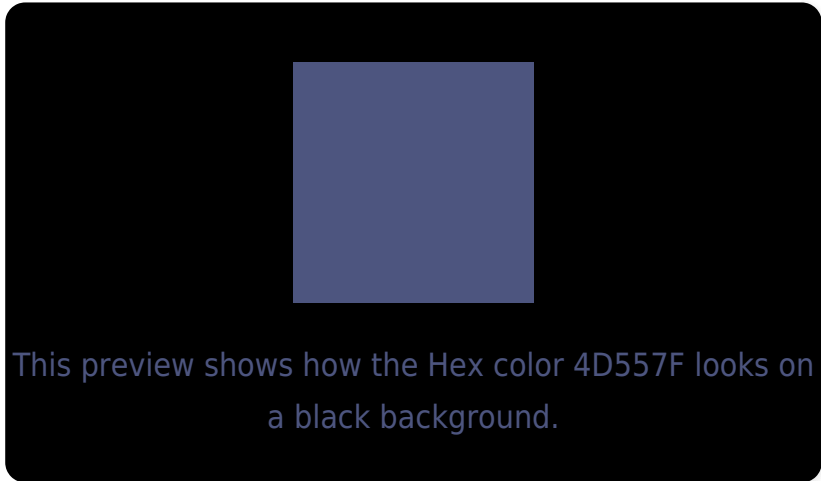
Large Text (above 18pt) WCAG AA ✓ Pass

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

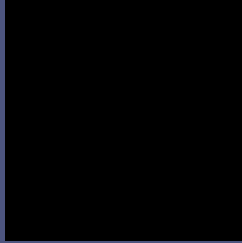
Any Text WCAG AA × Fail

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 4D557F Background



This preview shows how black text looks on a background with the Hex color 4D557F.

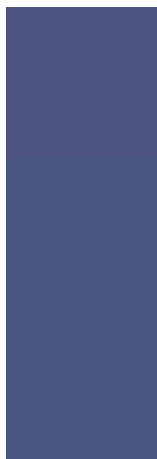


This preview shows how white text looks on a background with the Hex color 4D557F.

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

4D557F

Protanopia

495680

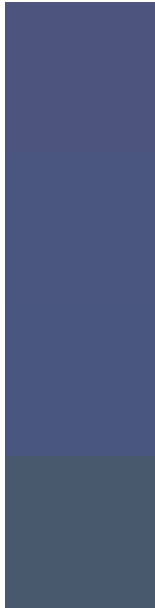
Deuteranopia

47577F



Tritanopia
465B62

Trichromacy



Original Color
4D557F

Protanomaly
4A5680

Deuteranomaly
49567F

Tritanomaly
49596D

Monochromacy



Original Color
4D557F

Achromatopsia
575757

Achromatomaly
535666

CSS Examples

Text

The CSS property to change the color of the text to Hex 4D557F 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 #4D557F looks like.

```
.text, #text, p{  
    color:#4D557F  
}
```

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 #4D557F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4D557F
}
```

Border

The CSS property to change the border of an element to Hex 4D557F 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
#4D557F }
```

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

```
.border{ border-color:#4D557F }
```

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

Here you see how a box with a 4 pixel #4D557F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4D557F; -webkit-box-shadow:4px 4px  
4px 4px #4D557F; box-shadow:4px 4px 4px  
4px #4D557F }
```

Background

The CSS property to change the background color of an element to Hex 4D557F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4D557F }
```

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

```
.background{ background-color:#4D557F }
```

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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