

Converting Colors

Hex(25487C)

Have a look what the booklet for
Hex(25487C) contains.

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Color

Hex(25487C)

Conversions

Conversions Part 1

Format	Color
Hex	25487C
RGB	37, 72, 124
RGB Percent	15%, 28%, 49%
CMY	0.8549, 0.7176, 0.5137
CMYK	0.70, 0.42, 0.00, 0.51
HSL	216°, 54%, 32%
HSV	216°, 70%, 49%
XYZ	6.7184, 6.4833, 19.9661
YIQ	67.4630, -37.5520, 8.7520

Conversions

Conversions Part 2

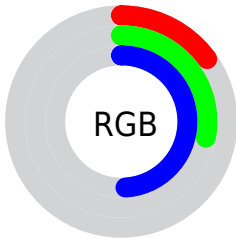
Format	Color
RYB	37, 62, 124
Decimal	2443388
CIELab	30.60, 5.87, -33.28
CIELCh	31, 33.793, 280.004
Yxy	6.4833, 0.2026, 0.1955
Android (android.graphics.Color)	4280633468 (0xFF25487C)
YUV	67.4630, 27.8727, -26.7161
Hunter-Lab	25.4623, 2.5395, -28.6683




Details

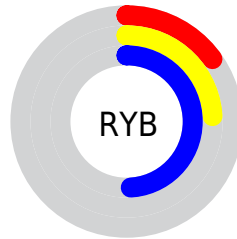
The Hex color **25487C** is a dark color, and the websafe version is hex **003366**. A complement of this color would be **7C5925**, and the grayscale version is **434343**.




A 20% lighter version of the original color is **5C78B1**, and **001D4B** is the 20% darker color. If you saturate the color by 10%, you get **19417C**, and if you desaturate by 10%, it is **314F7C**.

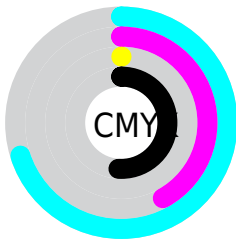
Distribution







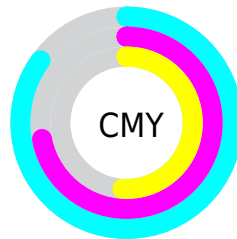
-  Red (15%)
-  Green (28%)
-  Blue (49%)






-  Red (15%)
-  Yellow (24%)
-  Blue (49%)



-  Cyan (70%)
-  Magenta (42%)
-  Yellow (0%)
-  Black (51%)



-  Cyan (85%)
-  Magenta (72%)
-  Yellow (51%)

Brightness & Saturation Gradients

These gradients show how the Hex color 25487C 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 25487C by changing the saturation by 10% instead.

■ 25487C

■ 25487C

FFFFFF

■ 003263

■ 5C78B1

■ 001D4B

■ 7792CD

■ 000234

■ 93ACE9

■ 00021E

■ AEC7FF

■ 000000

■ CBE3FF

■ E8FFFF

■ 25487C

■ 25487C

■ 19417C

■ 314F7C

■ 0C397C

■ 3E577C

■ 00327C

■ 4A5E7C

■ 57667C

■ 636D7C

■ 6F747C

■ 7C7C7C

■ 88837C

■ 958B7C

Harmonies

Analogous

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



005079



25487C



553D71

Triad

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



25487C



743627



005435

Complementary

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



25487C



7C5925

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.



31501D



25487C



644015

Square

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



25487C



783040



4E4A0F



005550

Rectangle

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



25487C



683663



4E4A0F



15532C

Sweetspot

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



25487C



7F8CA1



257C58



3D4552



D1D1D1



525252

Same Dimension

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



25487C



1A50A1



2C257C



373A3D



00327D



0066FC

Inverse Universe

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



7C2548



A11A50



757C25



3D373A



7D0032



FC0066

Previews

White Background



This preview shows how the Hex color 25487C looks on a white background.

Color Contrast Check

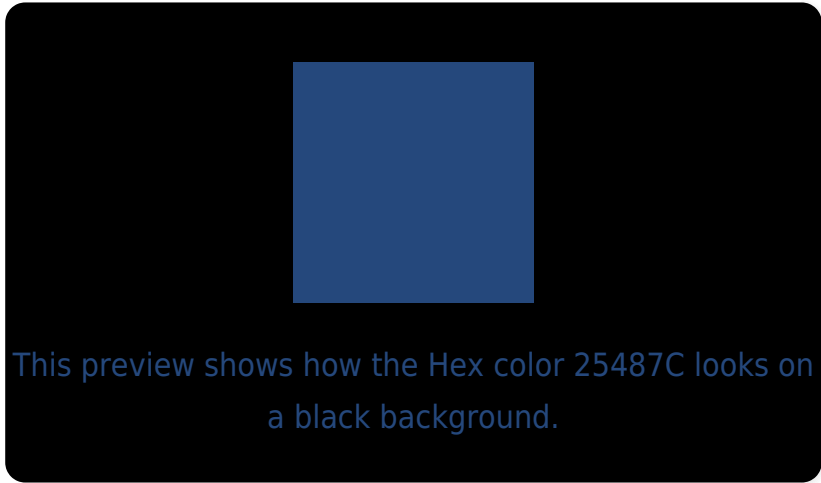
Large Text (above 18pt) WCAG AA ✓ Pass

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 25487C Background



This preview shows how black text looks on a background with the Hex color 25487C.



This preview shows how white text looks on a background with the Hex color 25487C.

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
25487C

Protanopia
32467A

Deuteranopia
20497C

Trichromacy



Original Color
25487C

Protanomaly
2D477B

Deuteranomaly
22497C

Tritanomaly
0D4D64

Monochromacy



Original Color
25487C

Achromatopsia
434343

Achromatomaly
384558

CSS Examples

Text

The CSS property to change the color of the text to Hex 25487C 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 #25487C looks like.

```
.text, #text, p{  
    color:#25487C  
}
```

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 #25487C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #25487C
}
```

Border

The CSS property to change the border of an element to Hex 25487C is called "border". The border property can be set on classes, ids or directly on the HTML element.

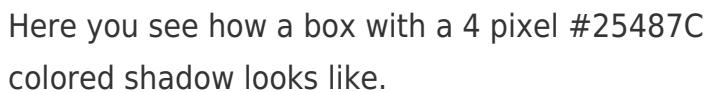
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#25487C }
```

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

```
.border{ border-color:#25487C }
```

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



Here you see how a box with a 4 pixel #25487C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #25487C; -webkit-box-shadow:4px 4px  
4px 4px #25487C; box-shadow:4px 4px 4px  
4px #25487C }
```

Background

The CSS property to change the background color of an element to Hex 25487C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#25487C }
```

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

```
.background{ background-color:#25487C }
```

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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