

# Converting Colors

Hex(25467C)

Have a look what the booklet for  
Hex(25467C) contains.

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# Color

Hex(25467C)

# Conversions

## Conversions Part 1

Format	Color
Hex	25467C
RGB	37, 70, 124
RGB Percent	15%, 27%, 49%
CMY	0.8549, 0.7255, 0.5137
CMYK	0.70, 0.44, 0.00, 0.51
HSL	217°, 54%, 32%
HSV	217°, 70%, 49%
XYZ	6.5912, 6.2289, 19.9237
YIQ	66.2890, -37.0020, 9.7980

# Conversions

## Conversions Part 2

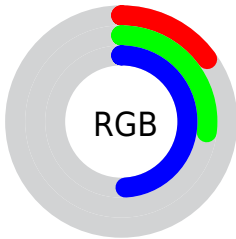
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	37, 61, 124
Decimal	2442876
CIE <sub>Lab</sub>	29.98, 7.22, -34.26
CIE <sub>LCh</sub>	30, 35.017, 281.899
Yxy	6.2289, 0.2013, 0.1902
Android (android.graphics.Color)	4280632956 (0xFF25467C)
<b>YUV</b>	66.2890, 28.4515, -25.6865
Hunter-Lab	24.9577, 3.4649, -29.8607

# Details

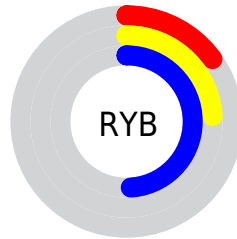
The Hex color **25467C** is a dark color, and the websafe version is hex **003366**. A complement of this color would be **7C5B25**, and the grayscale version is **424242**.

A 20% lighter version of the original color is **5C76B1**, and **001C4B** is the 20% darker color. If you saturate the color by 10%, you get **193E7C**, and if you desaturate by 10%, it is **314E7C**.

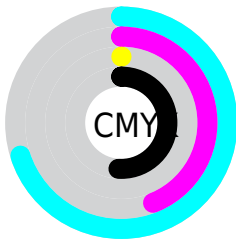
# Distribution



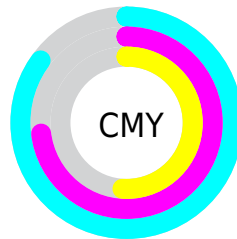
- Red (15%)
- Green (27%)
- Blue (49%)



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



- Cyan (70%)
- Magenta (44%)
- Yellow (0%)
- Black (51%)



- Cyan (85%)
- Magenta (73%)
- Yellow (51%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 25467C 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 25467C by changing the saturation by 10% instead.



■ 25467C

■ 25467C

FFFFFF

■ 003063

■ 5C76B1

■ 001C4B

■ 778FCD

■ 000034

■ 93AAE9

■ 00021E

■ AFC5FF

■ 000000

■ CBE1FF

■ E8FDFF

■ 25467C

■ 25467C

■ 193E7C

■ 314E7C

■ 0C377C

■ 3E557C

■ 002F7C

■ 4A5D7C

■ 57657C

■ 636C7C

■ 6F747C

■ 7C7C7C

■ 88847C

■ 958B7C

# Harmonies

## Analogous

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



004E7A



25467C



563B6F

# Triad

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



25467C



733423



005335

# Complementary

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



25467C



7C5B25

# 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.



2C4F1B



25467C



623F10

# Square

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



25467C



782D3D



4B490B



005451

# Rectangle

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



25467C



693361



4B490B



09522C



# Sweetspot

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



25467C



7F8CA1



257C5B



3D4552



D1D1D1



525252



# Same Dimension

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



25467C



1A4DA1



2F257C



37393D



002F7D



0060FC



# Inverse Universe

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



7C2546



A11A4D



727C25



3D3739



7D002F



FC0060



# Previews

## White Background



This preview shows how the Hex color 25467C looks on a white background.

## Color Contrast Check

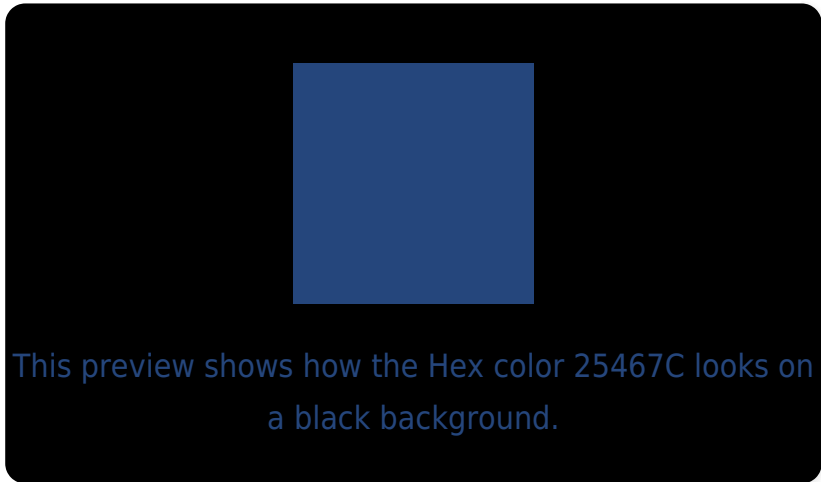
Large Text (above 18pt) WCAG AA ✓ Pass

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 25467C Background



This preview shows how black text looks on a background with the Hex color 25467C.



This preview shows how white text looks on a background with the Hex color 25467C.

# 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**  
25467C

**Protanopia**  
2E457B

**Deuteranopia**  
19477C



**Tritanopia**  
004E54

# Trichromacy



**Original Color**  
25467C

**Protanomaly**  
2B457B

**Deuteranomaly**  
1D477C

**Tritanomaly**  
0D4B63

# Monochromacy



**Original Color**  
25467C

**Achromatopsia**  
424242

**Achromatomaly**  
374357

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 25467C 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 #25467C looks like.

```
.text, #text, p{  
  color:#25467C  
}
```

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 #25467C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #25467C
}
```

## Border

The CSS property to change the border of an element to Hex 25467C is called "border". The border property can be set on classes, ids or directly on the HTML element.

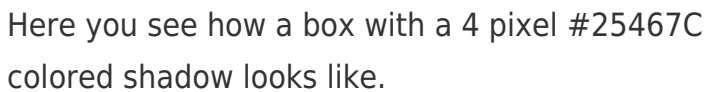
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#25467C }
```

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

```
.border{ border-color:#25467C }
```

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



Here you see how a box with a 4 pixel #25467C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #25467C; -webkit-box-shadow:4px 4px  
4px 4px #25467C; box-shadow:4px 4px 4px  
4px #25467C }
```

# Background

The CSS property to change the background color of an element to Hex 25467C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#25467C }
```

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

```
.background{ background-color:#25467C }
```

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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