

Converting Colors

Hex(25457B)

Have a look what the booklet for
Hex(25457B) contains.

Hex(25457B)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(25457B)

Conversions

Conversions Part 1

Format	Color
Hex	25457B
RGB	37, 69, 123
RGB Percent	15%, 27%, 48%
CMY	0.8549, 0.7294, 0.5176
CMYK	0.70, 0.44, 0.00, 0.52
HSL	218°, 54%, 31%
HSV	218°, 70%, 48%
XYZ	6.4662, 6.0796, 19.5716
YIQ	65.5880, -36.4060, 10.0100

Conversions

Conversions Part 2

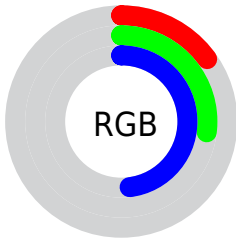
Format	Color
R_{YB}	37, 60, 123
Decimal	2442619
CIE _{Lab}	29.61, 7.51, -34.23
CIE _{LCh}	30, 35.044, 282.373
Yxy	6.0796, 0.2013, 0.1893
Android (android.graphics.Color)	4280632699 (0xFF25457B)
YUV	65.5880, 28.3041, -25.0717
Hunter-Lab	24.6569, 3.6618, -29.8020

Details

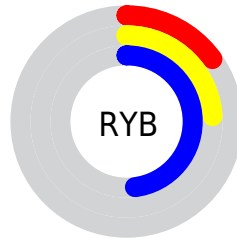
The Hex color **25457B** is a dark color, and the websafe version is hex **003366**. A complement of this color would be **7B5B25**, and the grayscale version is **414141**.

A 20% lighter version of the original color is **5C75B0**, and **001B4A** is the 20% darker color. If you saturate the color by 10%, you get **193D7B**, and if you desaturate by 10%, it is **314D7B**.

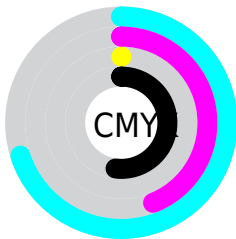
Distribution



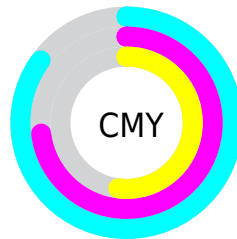
- Red (15%)
- Green (27%)
- Blue (48%)



- Red (15%)
- Yellow (24%)
- Blue (48%)



- Cyan (70%)
- Magenta (44%)
- Yellow (0%)
- Black (52%)



- Cyan (85%)
- Magenta (73%)
- Yellow (52%)

Brightness & Saturation Gradients

These gradients show how the Hex color 25457B 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 25457B by changing the saturation by 10% instead.

■ 25457B

■ 25457B

FFFFFF

■ 002F62

■ 5C75B0

■ 001B4A

■ 778ECC

■ 000033

■ 92A9E8

■ 00021D

■ AEC4FF

■ 000000

■ CBE0FF

■ E7FCFF

■ 25457B

■ 25457B

■ 193D7B

■ 314D7B

0C367B

3E547B

002E7B

4A5C7B

56647B

636C7B

6F737B

7B7B7B

87837B

948B7B

Harmonies

Analogous

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



004D79



25457B



563A6E

Triad

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



25457B



713422



005234

Complementary

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



25457B



7B5B25

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.



2B4E1B



25457B



613F0F

Square

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



25457B



772C3C



49480A



005351

Rectangle

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



25457B



68325F



49480A



06512B

Sweetspot

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



25457B



7F8BA1



257B5A



3D4552



D1D1D1



525252

Same Dimension

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



25457B



1A4CA1



2F257B



37393D



002E7D



005EFC

Inverse Universe

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



7B2545



A11A4C



717B25



3D3739



7D002E



FC005E

Previews

White Background



This preview shows how the Hex color 25457B looks on a white background.

Color Contrast Check

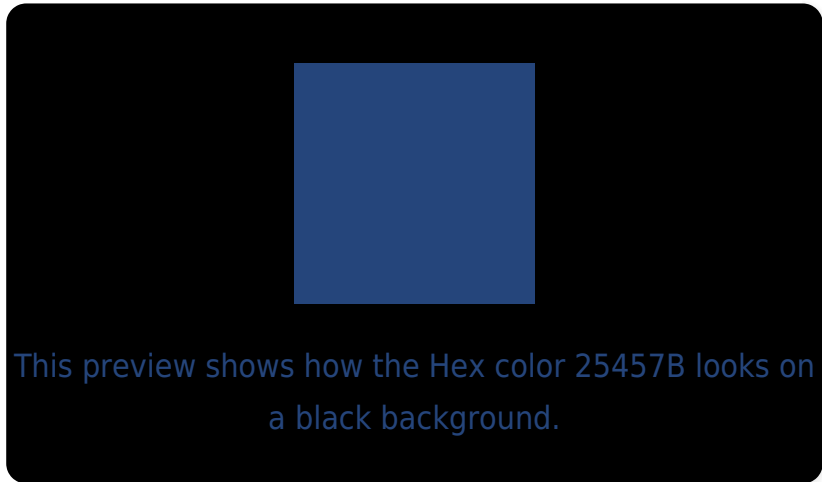
Large Text (above 18pt) WCAG AA ✓ Pass

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

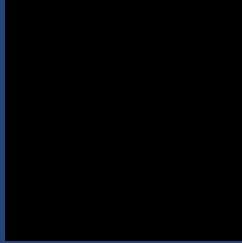
Any Text WCAG AA × Fail

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 25457B Background



This preview shows how black text looks on a background with the Hex color 25457B.



This preview shows how white text looks on a background with the Hex color 25457B.

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
25457B

Protanopia
2D447A

Deuteranopia
18477B

Trichromacy



Original Color
25457B

Protanomaly
2A447A

Deuteranomaly
1D467B

Tritanomaly
0D4A62

Monochromacy



Original Color
25457B

Achromatopsia
424242

Achromatomaly
374357

CSS Examples

Text

The CSS property to change the color of the text to Hex 25457B 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 #25457B looks like.

```
.text, #text, p{  
    color:#25457B  
}
```

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 #25457B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #25457B
}
```

Border

The CSS property to change the border of an element to Hex 25457B 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
#25457B }
```

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

```
.border{ border-color:#25457B }
```

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

Here you see how a box with a 4 pixel #25457B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #25457B; -webkit-box-shadow:4px 4px  
4px 4px #25457B; box-shadow:4px 4px 4px  
4px #25457B }
```

Background

The CSS property to change the background color of an element to Hex 25457B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#25457B }
```

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

```
.background{ background-color:#25457B }
```

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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