

Converting Colors

Hex(25357A)

Have a look what the booklet for
Hex(25357A) contains.

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Color

Hex(25357A)

Conversions

Conversions Part 1

Format	Color
Hex	25357A
RGB	37, 53, 122
RGB Percent	15%, 21%, 48%
CMY	0.8549, 0.7922, 0.5216
CMYK	0.70, 0.57, 0.00, 0.52
HSL	229°, 53%, 31%
HSV	229°, 70%, 48%
XYZ	5.5489, 4.3447, 18.9585
YIQ	56.0820, -31.6850, 18.0670

Conversions

Conversions Part 2

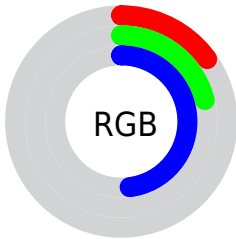
Format	Color
R _Y B	37, 50, 122
Decimal	2438522
CIE Lab	24.78, 18.19, -41.37
CIE LCh	25, 45.194, 293.737
Yxy	4.3447, 0.1923, 0.1506
Android (android.graphics.Color)	4280628602 (0xFF25357A)
YUV	56.0820, 32.4976, -16.7349
Hunter-Lab	20.8439, 11.0423, -39.3364

Details

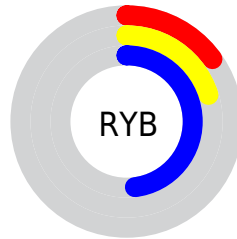
The Hex color **25357A** is a dark color, and the websafe version is hex **333366**. A complement of this color would be **7A6A25**, and the grayscale version is **383838**.

A 20% lighter version of the original color is **5D63AF**, and **000B48** is the 20% darker color. If you saturate the color by 10%, you get **192B7A**, and if you desaturate by 10%, it is **313F7A**.

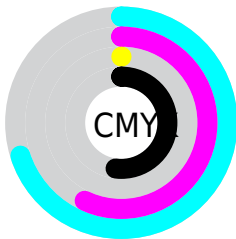
Distribution



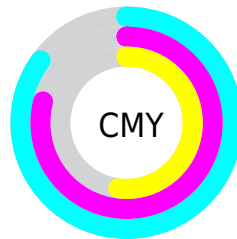
- Red (15%)
- Green (21%)
- Blue (48%)



- Red (15%)
- Yellow (20%)
- Blue (48%)



- Cyan (70%)
- Magenta (57%)
- Yellow (0%)
- Black (52%)



- Cyan (85%)
- Magenta (79%)
- Yellow (52%)

Brightness & Saturation Gradients

These gradients show how the Hex color 25357A 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 25357A by changing the saturation by 10% instead.

■ 25357A

■ 25357A

FFFFFF

■ 002061

■ 5D63AF

■ 000B48

■ 787CCB

■ 000431

■ 9396E7

■ 00011B

■ AFB1FF

■ 000000

■ CCCCFF

■ E8E8FF

■ 25357A

■ 25357A

■ 192B7A

■ 313F7A

■ 0D217A

■ 3D497A

■ 00177A

■ 4A537A

■ 565D7A

■ 62677A

■ 6E707A

■ 7A7A7A

■ 87847A

■ 938E7A

Harmonies

Analogous

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



00417F



25357A



5C2264

Triad

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



25357A



672700



004932

Complementary

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



25357A



7A6A25

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.



00460D



25357A



4F3700

Square

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



25357A



741422



304100



004955

Rectangle

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



25357A



6D144F



304100



004826

Sweetspot

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



25357A



7D839E



257A69



3B3F4F



CFCFCF



4F4F4F

Same Dimension

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



25357A



19329E



3E257A



37383D



00187D



0030FC

Inverse Universe

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



7A2535



9E1932



617A25



3D3738



7D0018



FC0030

Previews

White Background



This preview shows how the Hex color 25357A looks on a white background.

Color Contrast Check

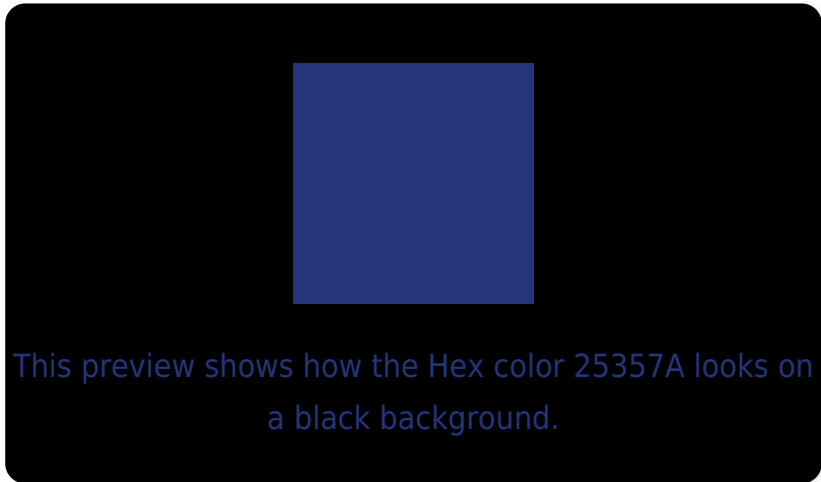
Large Text (above 18pt) WCAG AA ✓ Pass

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

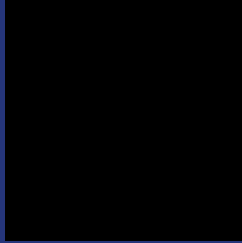
Any Text WCAG AA × Fail

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 25357A Background



This preview shows how black text looks on a background with the Hex color 25357A.



This preview shows how white text looks on a background with the Hex color 25357A.

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
25357A

Protanopia
003979

Deuteranopia
003C68

Trichromacy



Original Color
25357A

Protanomaly
0D3879

Deuteranomaly
0D396F

Tritanomaly
0D3D59

Monochromacy



Original Color
25357A

Achromatopsia
383838

Achromatomaly
313750

CSS Examples

Text

The CSS property to change the color of the text to Hex 25357A 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 #25357A looks like.

```
.text, #text, p{  
    color:#25357A  
}
```

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 #25357A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #25357A
}
```

Border

The CSS property to change the border of an element to Hex 25357A 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
#25357A }
```

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

```
.border{ border-color:#25357A }
```

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

Here you see how a box with a 4 pixel #25357A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #25357A; -webkit-box-shadow:4px 4px  
4px 4px #25357A; box-shadow:4px 4px 4px  
4px #25357A }
```

Background

The CSS property to change the background color of an element to Hex 25357A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#25357A }
```

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

```
.background{ background-color:#25357A }
```

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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