

Converting Colors

Hex(24437A)

Have a look what the booklet for
Hex(24437A) contains.

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Color

Hex(24437A)

Conversions

Conversions Part 1

Format	Color
Hex	24437A
RGB	36, 67, 122
RGB Percent	14%, 26%, 48%
CMY	0.8588, 0.7373, 0.5216
CMYK	0.70, 0.45, 0.00, 0.52
HSL	218°, 54%, 31%
HSV	218°, 70%, 48%
XYZ	6.2476, 5.7945, 19.2015
YIQ	64.0010, -36.1310, 10.5330

Conversions

Conversions Part 2

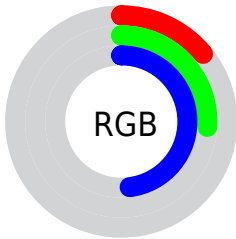
Format	Color
R _Y B	36, 59, 122
Decimal	2376570
CIE Lab	28.89, 8.30, -34.76
CIE LCh	29, 35.741, 283.436
Yxy	5.7945, 0.2000, 0.1855
Android (android.graphics.Color)	4280566650 (0xFF24437A)
YUV	64.0010, 28.5935, -24.5569
Hunter-Lab	24.0718, 4.2020, -30.4440

Details

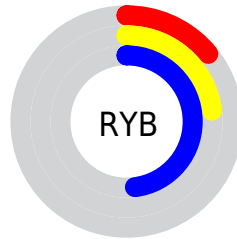
The Hex color **24437A** is a dark color, and the websafe version is hex **003366**. A complement of this color would be **7A5B24**, and the grayscale version is **404040**.

A 20% lighter version of the original color is **5B73AF**, and **001949** is the 20% darker color. If you saturate the color by 10%, you get **183B7A**, and if you desaturate by 10%, it is **304B7A**.

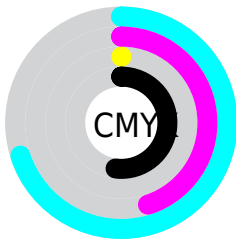
Distribution



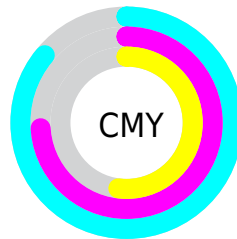
- Red (14%)
- Green (26%)
- Blue (48%)



- Red (14%)
- Yellow (23%)
- Blue (48%)



- Cyan (70%)
- Magenta (45%)
- Yellow (0%)
- Black (52%)



- Cyan (86%)
- Magenta (74%)
- Yellow (52%)

Brightness & Saturation Gradients

These gradients show how the Hex color 24437A 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 24437A by changing the saturation by 10% instead.

■ 24437A

■ 24437A

FFFFFF

■ 002D61

■ 5B73AF

■ 001949

■ 768CCA

■ 000132

■ 92A6E7

■ 00011C

■ ADC1FF

■ 000000

■ CADDFF

■ E7FAFF

■ 24437A

■ 24437A

■ 183B7A

■ 304B7A

■ 0C337A

■ 3C537A

■ 002C7A

■ 495A7A

■ 55627A

■ 616A7A

■ 6D727A

■ 797A7A

■ 86817A

■ 92897A

Harmonies

Analogous

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



004B79



24437A



55376C

Triad

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



24437A



70321F



005033

Complementary

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



24437A



7A5B24

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.



274D19



24437A



5F3D0B

Square

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



24437A



762A39



474707



005150

Rectangle

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



24437A



682F5D



474707



004F2A

Sweetspot

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



24437A



7D899E



247A5A



3B424F



CFCFCF



4F4F4F

Same Dimension

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



24437A



18489E



2F247A



37393D



002D7D



005BFC

Inverse Universe

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



7A2443



9E1848



6F7A24



3D3739



7D002D



FC005B

Previews

White Background



This preview shows how the Hex color 24437A looks on a white background.

Color Contrast Check

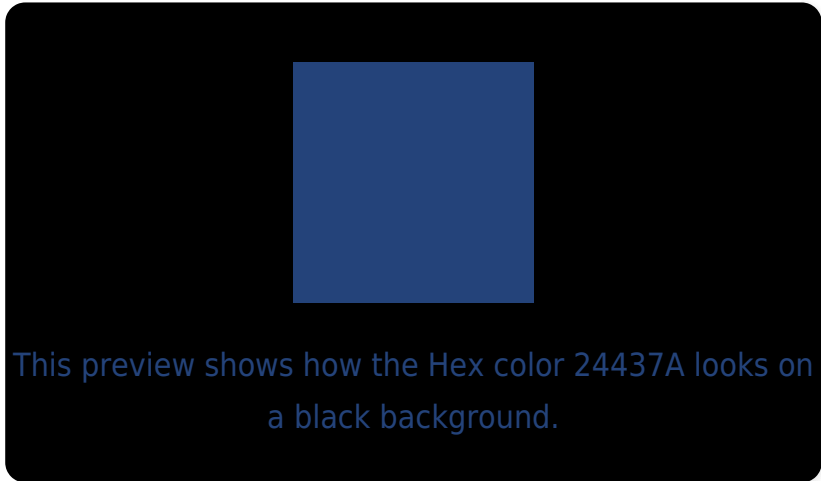
Large Text (above 18pt) WCAG AA ✓ Pass

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

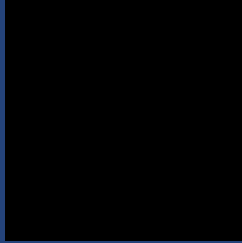
Any Text WCAG AA × Fail

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 24437A Background



This preview shows how black text looks on a background with the Hex color 24437A.



This preview shows how white text looks on a background with the Hex color 24437A.

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
24437A

Protanopia
2A4279

Deuteranopia
104579



Tritanopia
004C51

Trichromacy



Original Color
24437A

Protanomaly
284279

Deuteranomaly
174479

Tritanomaly
0D4960

Monochromacy



Original Color
24437A

Achromatopsia
404040

Achromatomaly
364155

CSS Examples

Text

The CSS property to change the color of the text to Hex 24437A 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 #24437A looks like.

```
.text, #text, p{  
    color:#24437A  
}
```

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 #24437A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #24437A
}
```

Border

The CSS property to change the border of an element to Hex 24437A 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
#24437A }
```

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

```
.border{ border-color:#24437A }
```

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

Here you see how a box with a 4 pixel #24437A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #24437A; -webkit-box-shadow:4px 4px  
4px 4px #24437A; box-shadow:4px 4px 4px  
4px #24437A }
```

Background

The CSS property to change the background color of an element to Hex 24437A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#24437A }
```

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

```
.background{ background-color:#24437A }
```

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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