

Converting Colors

Hex(244573)

Have a look what the booklet for
Hex(244573) contains.

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Color

Hex(244573)

Conversions

Conversions Part 1

Format	Color
Hex	244573
RGB	36, 69, 115
RGB Percent	14%, 27%, 45%
CMY	0.8588, 0.7294, 0.5490
CMYK	0.69, 0.40, 0.00, 0.55
HSL	215°, 52%, 30%
HSV	215°, 69%, 45%
XYZ	5.9502, 5.8691, 17.0389
YIQ	64.3770, -34.4340, 7.3100

Conversions

Conversions Part 2

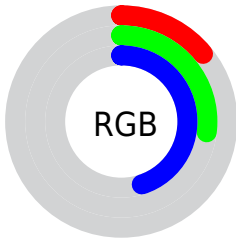
Format	Color
R_{YB}	36, 59, 115
Decimal	2377075
CIE _{Lab}	29.08, 4.22, -30.05
CIE _{LCh}	29, 30.348, 278.001
Yxy	5.8691, 0.2062, 0.2034
Android (android.graphics.Color)	4280567155 (0xFF244573)
YUV	64.3770, 24.9571, -24.8866
Hunter-Lab	24.2263, 1.4453, -24.7417




Details

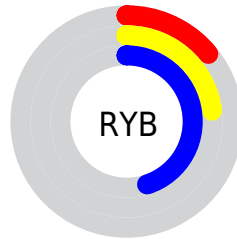
The Hex color **244573** is a dark color, and the websafe version is hex **003366**. A complement of this color would be **735224**, and the grayscale version is **404040**.




A 20% lighter version of the original color is **5A75A7**, and **001B42** is the 20% darker color. If you saturate the color by 10%, you get **183E73**, and if you desaturate by 10%, it is **2F4C73**.

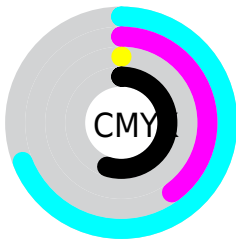
Distribution







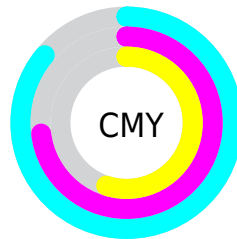
-  Red (14%)
-  Green (27%)
-  Blue (45%)






-  Red (14%)
-  Yellow (23%)
-  Blue (45%)



-  Cyan (69%)
-  Magenta (40%)
-  Yellow (0%)
-  Black (55%)



-  Cyan (86%)
-  Magenta (73%)
-  Yellow (55%)

Brightness & Saturation Gradients

These gradients show how the Hex color 244573 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 244573 by changing the saturation by 10% instead.

■ 244573

■ 244573

FFFFFF

■ 002F5A

■ 5A75A7

■ 001B42

■ 748EC3

■ 00032C

■ 8FA9DF

■ 000117

■ ABC4FB

■ 000000

■ C7E0FF

■ E4FCFF

■ 244573

■ 244573

■ 183E73

■ 2F4C73

■ 0D3873

■ 3B5273

■ 013173

■ 475973

■ 003073

■ 526073

■ 5E6673

■ 696D73

■ 757473

■ 807B73

■ 8B8173

Harmonies

Analogous

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



004C70



244573



4E3C6A

Triad

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



244573



6D3429



0A4F32

Complementary

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



244573



735224

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.



334B1E



244573



603D18

Square

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



244573



70303F



4C4513



00504A

Rectangle

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



244573



60365E



4C4513



1C4E2B

Sweetspot

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



244573



778496



247351



39414D



CCCCCC



4D4D4D

Same Dimension

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



244573



1B4F96



292473



35373B



00337A



0068FA

Inverse Universe

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



732445



961B4F



6E7324



3B3537



7A0033



FA0068

Previews

White Background



This preview shows how the Hex color 244573 looks on a white background.

Color Contrast Check

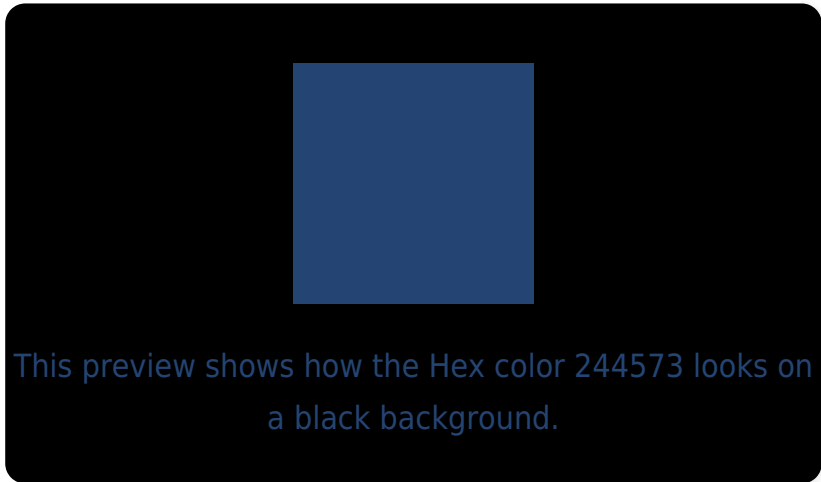
Large Text (above 18pt) WCAG AA ✓ Pass

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 244573 Background



This preview shows how black text looks on a background with the Hex color 244573.



This preview shows how white text looks on a background with the Hex color 244573.

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
244573

Protanopia
324371

Deuteranopia
244573



Tritanopia
064C52

Trichromacy



Original Color
244573

Protanomaly
2D4472

Deuteranomaly
244573

Tritanomaly
11495E

Monochromacy



Original Color
244573

Achromatopsia
404040

Achromatomaly
364253

CSS Examples

Text

The CSS property to change the color of the text to Hex 244573 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 #244573 looks like.

```
.text, #text, p{  
    color:#244573  
}
```

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 #244573 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #244573  
}
```

Border

The CSS property to change the border of an element to Hex 244573 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  
#244573 }
```

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

```
.border{ border-color:#244573 }
```

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

Here you see how a box with a 4 pixel #244573 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #244573; -webkit-box-shadow:4px 4px  
4px 4px #244573; box-shadow:4px 4px 4px  
4px #244573 }
```

Background

The CSS property to change the background color of an element to Hex 244573 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#244573 }
```

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

```
.background{ background-color:#244573 }
```

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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