

Converting Colors

Hex(243975)

Have a look what the booklet for
Hex(243975) contains.

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Color

Hex(243975)

Conversions

Conversions Part 1

Format	Color
Hex	243975
RGB	36, 57, 117
RGB Percent	14%, 22%, 46%
CMY	0.8588, 0.7765, 0.5412
CMYK	0.69, 0.51, 0.00, 0.54
HSL	224°, 53%, 30%
HSV	224°, 69%, 46%
XYZ	5.4016, 4.5857, 17.4301
YIQ	57.5610, -31.7760, 14.2080

Conversions

Conversions Part 2

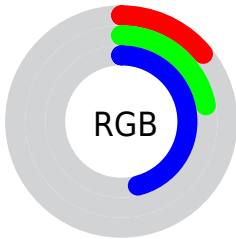
Format	Color
R_{YB}	36, 53, 117
Decimal	2374005
CIE _{Lab}	25.52, 13.27, -37.01
CIE _{LCh}	26, 39.315, 289.723
Yxy	4.5857, 0.1970, 0.1673
Android (android.graphics.Color)	4280564085 (0xFF243975)
YUV	57.5610, 29.3034, -18.9090
Hunter-Lab	21.4142, 7.5504, -33.2691

Details

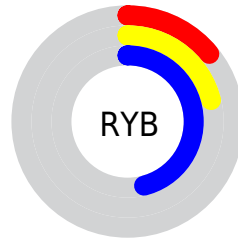
The Hex color **243975** is a dark color, and the websafe version is hex **333366**. A complement of this color would be **756024**, and the grayscale version is **393939**.

A 20% lighter version of the original color is **5B68AA**, and **001044** is the 20% darker color. If you saturate the color by 10%, you get **183075**, and if you desaturate by 10%, it is **304275**.

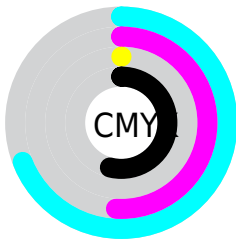
Distribution



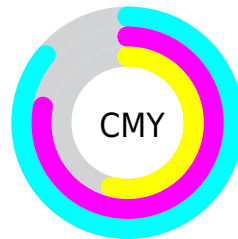
- Red (14%)
- Green (22%)
- Blue (46%)



- Red (14%)
- Yellow (21%)
- Blue (46%)



- Cyan (69%)
- Magenta (51%)
- Yellow (0%)
- Black (54%)



- Cyan (86%)
- Magenta (78%)
- Yellow (54%)

Brightness & Saturation Gradients

These gradients show how the Hex color 243975 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 243975 by changing the saturation by 10% instead.

■ 243975

■ 243975

FFFFFF

■ 00245C

■ 5B68AA

■ 001044

■ 7581C5

■ 00032D

■ 919AE1

■ 000118

■ ACB5FE

■ 000000

■ C8D1FF

■ E5EDFF

■ 243975

■ 243975

■ 183075

■ 304275

■ 0D2875

■ 3B4A75

■ 011F75

■ 475375

■ 001E75

■ 535C75

■ 5F6475

■ 6A6D75

■ 767675

■ 827E75

■ 8D8775

Harmonies

Analogous

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



004377



243975



562B63

Triad

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



243975



672A0F



004931

Complementary

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



243975



756024

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.



0E4712



243975



533700

Square

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



243975



711E2A



384100



004A50

Rectangle

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



243975



672152



384100



004927

Sweetspot

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



243975



798199



24755F



393E4D



CCCCCC



4D4D4D

Same Dimension

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



243975



1A3B99



372475



35363B



00207A



0041FA

Inverse Universe

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



752439



991A3B



627524



3B3536



7A0020



FA0041

Previews

White Background



This preview shows how the Hex color 243975 looks on a white background.

Color Contrast Check

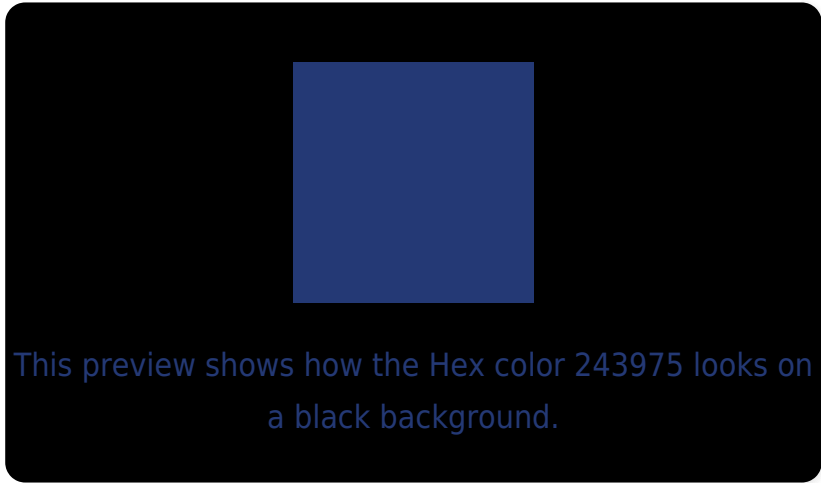
Large Text (above 18pt) WCAG AA ✓ Pass

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

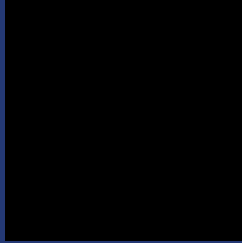
Any Text WCAG AA × Fail

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 243975 Background



This preview shows how black text looks on a background with the Hex color 243975.



This preview shows how white text looks on a background with the Hex color 243975.

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
243975

Protanopia
173A77

Deuteranopia
003E6C

Trichromacy



Original Color
243975

Protanomaly
1C3A76

Deuteranomaly
0D3C6F

Monochromacy



Original Color
243975

Achromatopsia
3A3A3A

Achromatomaly
323A4F

CSS Examples

Text

The CSS property to change the color of the text to Hex 243975 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 #243975 looks like.

```
.text, #text, p{  
    color:#243975  
}
```

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 #243975 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #243975
}
```

Border

The CSS property to change the border of an element to Hex 243975 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".

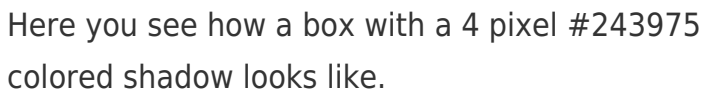
```
.border, #border, table{ border:4px solid
#243975 }
```

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

```
.border{ border-color:#243975 }
```

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

Here you see how a box with a 4 pixel #243975 colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #243975; -webkit-box-shadow:4px 4px  
4px 4px #243975; box-shadow:4px 4px 4px  
4px #243975 }
```

Background

The CSS property to change the background color of an element to Hex 243975 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#243975 }
```

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

```
.background{ background-color:#243975 }
```

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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