

Converting Colors

Hex(244A6D)

Have a look what the booklet for
Hex(244A6D) contains.

Hex(244A6D)	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(244A6D)

Conversions

Conversions Part 1

Format	Color
Hex	244A6D
RGB	36, 74, 109
RGB Percent	14%, 29%, 43%
CMY	0.8588, 0.7098, 0.5725
CMYK	0.67, 0.32, 0.00, 0.57
HSL	209°, 50%, 28%
HSV	209°, 67%, 43%
XYZ	5.9367, 6.3768, 15.3859
YIQ	66.6280, -33.8830, 2.8290

Conversions

Conversions Part 2

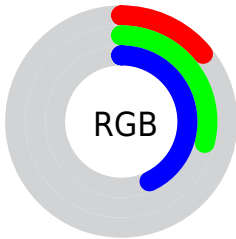
Format	Color
R _Y B	36, 61, 109
Decimal	2378349
CIE Lab	30.34, -1.37, -24.27
CIE LCh	30, 24.308, 266.758
Yxy	6.3768, 0.2143, 0.2302
Android (android.graphics.Color)	4280568429 (0xFF244A6D)
YUV	66.6280, 20.8894, -26.8608
Hunter-Lab	25.2522, -2.2271, -18.4483




Details

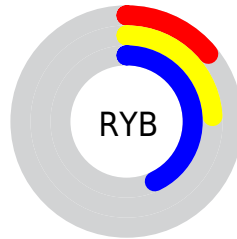
The Hex color **244A6D** is a dark color, and the websafe version is hex **336699**. A complement of this color would be **6D4724**, and the grayscale version is **424242**.




A 20% lighter version of the original color is **597AA1**, and **001F3D** is the 20% darker color. If you saturate the color by 10%, you get **19456D**, and if you desaturate by 10%, it is **2F4F6D**.

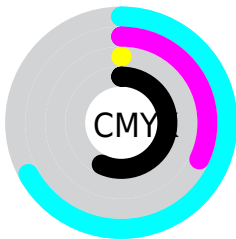
Distribution







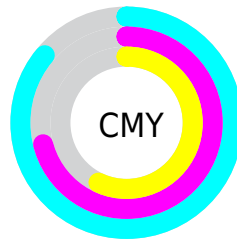
-  Red (14%)
-  Green (29%)
-  Blue (43%)






-  Red (14%)
-  Yellow (24%)
-  Blue (43%)



-  Cyan (67%)
-  Magenta (32%)
-  Yellow (0%)
-  Black (57%)



-  Cyan (86%)
-  Magenta (71%)
-  Yellow (57%)

Brightness & Saturation Gradients

These gradients show how the Hex color 244A6D 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 244A6D by changing the saturation by 10% instead.

■ 244A6D

■ 244A6D

FFFFFF

■ 013455

■ 597AA1

■ 001F3D

■ 7394BC

■ 000527

■ 8EAFD8

■ 000111

■ A9CAF4

■ 000000

■ C5E6FF

■ E2FFFF

■ 244A6D

■ 244A6D

■ 19456D

■ 2F4F6D

■ 0E406D

■ 3A546D

■ 033A6D

■ 455A6D

■ 00396D

■ 505F6D

■ 5B646D

■ 65696D

■ 706F6D

■ 7B746D

■ 86796D

Harmonies

Analogous

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



004F67



244A6D



464369

Triad

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



244A6D



6B3937



2B4F32

Complementary

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



244A6D



6D4724

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.



424B25



244A6D



633F28

Square

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



244A6D



69384A



554621



085145

Rectangle

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



244A6D



573E62



554621



334E2D

Sweetspot

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



244A6D



72818F



246D46



363F47



C7C7C7



474747

Same Dimension

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



244A6D



1D588F



24266D



303336



003D75



007FF5

Inverse Universe

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



6D244A



8F1D58



6D6B24



363033



75003D



F5007F

Previews

White Background



This preview shows how the Hex color 244A6D looks on a white background.

Color Contrast Check

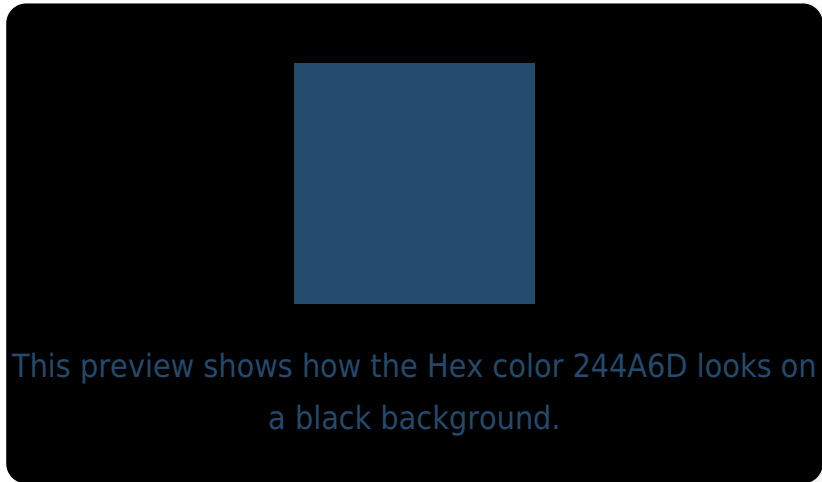
Large Text (above 18pt) WCAG AA ✓ Pass

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

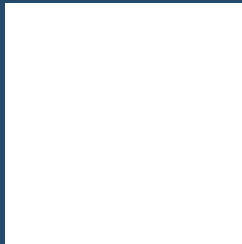
Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Hex 244A6D Background



This preview shows how black text looks on a background with the Hex color 244A6D.

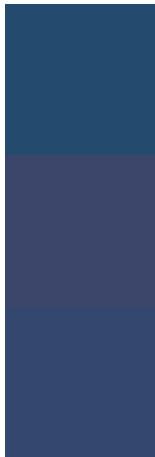


This preview shows how white text looks on a background with the Hex color 244A6D.

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
244A6D

Protanopia
3B466A

Deuteranopia
34476E



Tritanopia
154F55

Trichromacy



Original Color
244A6D

Protanomaly
33476B

Deuteranomaly
2E486E

Tritanomaly
1A4D5E

Monochromacy



Original Color
244A6D

Achromatopsia
434343

Achromatomaly
384652

CSS Examples

Text

The CSS property to change the color of the text to Hex 244A6D 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 #244A6D looks like.

```
.text, #text, p{  
    color:#244A6D  
}
```

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 #244A6D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #244A6D
}
```

Border

The CSS property to change the border of an element to Hex 244A6D 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
#244A6D }
```

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

```
.border{ border-color:#244A6D }
```

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

Here you see how a box with a 4 pixel #244A6D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #244A6D; -webkit-box-shadow:4px 4px  
4px 4px #244A6D; box-shadow:4px 4px 4px  
4px #244A6D }
```

Background

The CSS property to change the background color of an element to Hex 244A6D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#244A6D }
```

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

```
.background{ background-color:#244A6D }
```

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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