

# Converting Colors

Hex(244C6B)

Have a look what the booklet for  
Hex(244C6B) contains.

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# Color

**Hex(244C6B)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	244C6B
RGB	36, 76, 107
RGB Percent	14%, 30%, 42%
CMY	0.8588, 0.7020, 0.5804
CMYK	0.66, 0.29, 0.00, 0.58
HSL	206°, 50%, 28%
HSV	206°, 66%, 42%
XYZ	5.9658, 6.6055, 14.8705
YIQ	67.5740, -33.7910, 1.1610

# Conversions

## Conversions Part 2

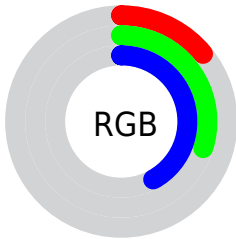
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	36, 62, 107
Decimal	2378859
CIE <sub>Lab</sub>	30.89, -3.41, -22.15
CIE <sub>LCh</sub>	31, 22.409, 261.246
Yxy	6.6055, 0.2174, 0.2407
Android (android.graphics.Color)	4280568939 (0xFF244C6B)
YUV	67.5740, 19.4370, -27.6904
Hunter-Lab	25.7011, -3.5430, -16.3139




# Details

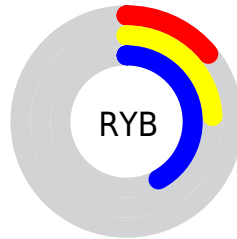
The Hex color **244C6B** is a dark color, and the websafe version is hex **336699**. A complement of this color would be **6B4324**, and the grayscale version is **434343**.




A 20% lighter version of the original color is **597D9F**, and **00203B** is the 20% darker color. If you saturate the color by 10%, you get **19476B**, and if you desaturate by 10%, it is **2F516B**.

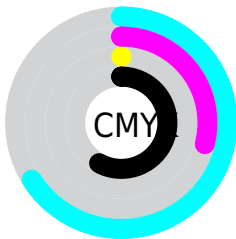
# Distribution







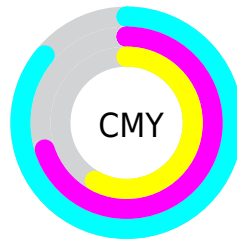
-  Red (14%)
-  Green (30%)
-  Blue (42%)






-  Red (14%)
-  Yellow (24%)
-  Blue (42%)



-  Cyan (66%)
-  Magenta (29%)
-  Yellow (0%)
-  Black (58%)



-  Cyan (86%)
-  Magenta (70%)
-  Yellow (58%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 244C6B 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 244C6B by changing the saturation by 10% instead.



■ 244C6B

■ 244C6B

FFFFFF

■ 023553

■ 597D9F

■ 00203B

■ 7396BA

■ 000826

■ 8DB1D5

■ 00010F

■ A9CDF2

■ 000000

■ C5E9FF

■ E1FFFF

■ 244C6B

■ 244C6B

■ 19476B

■ 2F516B

0F436B

39556B

043E6B

445A6B

003C6B

4F5F6B

5A636B

64686B

6F6D6B

7A716B

84766B

# Harmonies

## Analogous

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



005063



244C6B



434669

# Triad

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



244C6B



6B3B3D



335032

# Complementary

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



244C6B



6B4324

# 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.



474C27



244C6B



65402E

# Square

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



244C6B



673B4F



584626



1A5243

# Rectangle

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



244C6B



534263



584626



3A4E2E



# Sweetspot

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



244C6B



70808C



246B43



364047



C7C7C7



474747



# Same Dimension

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



244C6B



1C5B8C



24296B



303336



004275



008AF5



# Inverse Universe

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



6B244C



8C1C5B



6B6624



363033



750042

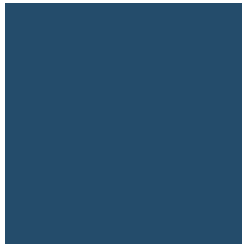


F5008A



# Previews

## White Background



This preview shows how the Hex color 244C6B looks on a white background.

## Color Contrast Check

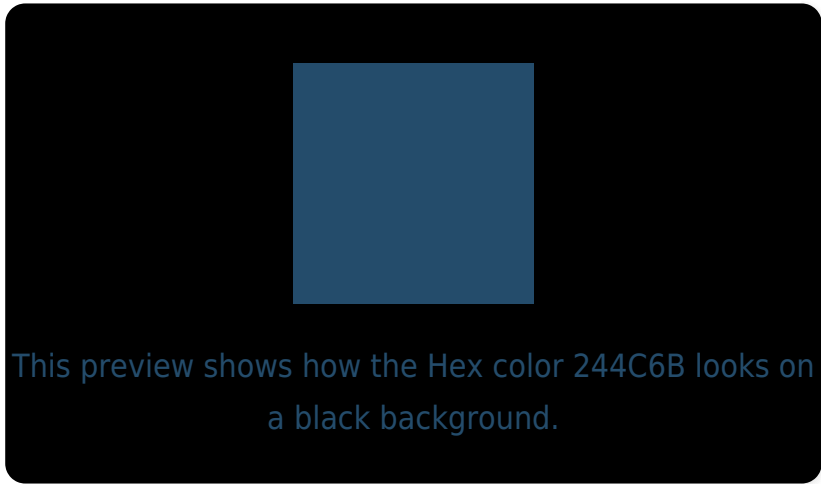
Large Text (above 18pt) WCAG AA ✓ Pass

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

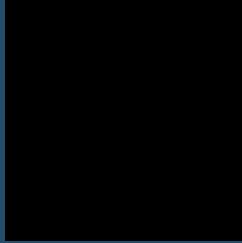
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

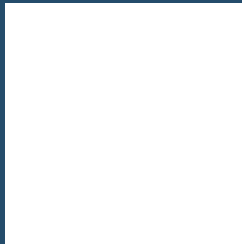
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 244C6B Background



This preview shows how black text looks on a background with the Hex color 244C6B.



This preview shows how white text looks on a background with the Hex color 244C6B.

# 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](#).

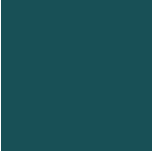
## Dichromacy



**Original Color**  
244C6B

**Protanopia**  
3E4767

**Deuteranopia**  
39486C



**Tritanopia**  
185056

# Trichromacy



**Original Color**  
244C6B

**Protanomaly**  
354968

**Deuteranomaly**  
31496C

**Tritanomaly**  
1C4F5E

# Monochromacy



**Original Color**  
244C6B

**Achromatopsia**  
444444

**Achromatomaly**  
384752

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 244C6B 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 #244C6B looks like.

```
.text, #text, p{  
    color:#244C6B  
}
```

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 #244C6B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #244C6B
}
```

## Border

The CSS property to change the border of an element to Hex 244C6B 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
#244C6B }
```

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

```
.border{ border-color:#244C6B }
```

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

Here you see how a box with a 4 pixel #244C6B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #244C6B; -webkit-box-shadow:4px 4px  
4px 4px #244C6B; box-shadow:4px 4px 4px  
4px #244C6B }
```

# Background

The CSS property to change the background color of an element to Hex 244C6B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#244C6B }
```

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

```
.background{ background-color:#244C6B }
```

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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