

Converting Colors

Hex(244B5D)

Have a look what the booklet for
Hex(244B5D) contains.

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Color

Hex(244B5D)

Conversions

Conversions Part 1

| Format | Color |
|---------------|----------------------------|
| Hex | 244B5D |
| RGB | 36, 75, 93 |
| RGB Percent | 14%, 29%, 36% |
| CMY | 0.8588, 0.7059, 0.6353 |
| CMYK | 0.61, 0.19, 0.00, 0.64 |
| HSL | 199°, 44%, 25% |
| HSV | 199°, 61%, 36% |
| XYZ | 5.2194, 6.1975, 11.2771 |
| YIQ | 65.3910, -29.0220, -2.6700 |

Conversions

Conversions Part 2

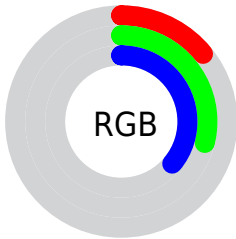
| Format | Color |
|-------------------------------------|-------------------------------|
| R_{YB} | 36, 59, 93 |
| Decimal | 2378589 |
| CIE _{Lab} | 29.91, -7.82, -14.78 |
| CIE _{LCh} | 30, 16.718, 242.112 |
| Yxy | 6.1975, 0.2300, 0.2731 |
| Android (android.graphics.Color) | 4280568669 (0xFF244B5D) |
| YUV | 65.3910, 13.6112, -25.7759 |
| Hunter-Lab | 24.8948, -6.1420, -9.4313 |

Details

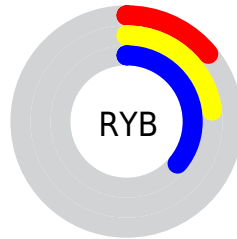
The Hex color **244B5D** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **5D3624**, and the grayscale version is **414141**.

A 20% lighter version of the original color is **567C8F**, and **001F2F** is the 20% darker color. If you saturate the color by 10%, you get **1B485D**, and if you desaturate by 10%, it is **2D4E5D**.

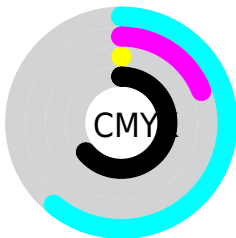
Distribution



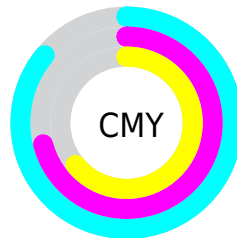
- Red (14%)
- Green (29%)
- Blue (36%)



- Red (14%)
- Yellow (23%)
- Blue (36%)



- Cyan (61%)
- Magenta (19%)
- Yellow (0%)
- Black (64%)



- Cyan (86%)
- Magenta (71%)
- Yellow (64%)

Brightness & Saturation Gradients

These gradients show how the Hex color 244B5D 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 244B5D by changing the saturation by 10% instead.

■ 244B5D

■ 244B5D

FFFFFF

■ 073445

■ 567C8F

■ 001F2F

■ 7096AA

■ 00011B

■ 8AB0C5

■ 000000

■ A5CCE1

■ C1E8FE

■ DDFFFF

■ FAFFFF

■ 244B5D

■ 244B5D

■ 1B485D

■ 2D4E5D

■ 11455D

■ 37515D

■ 08425D

■ 40545D

■ 00405D

■ 49575D

■ 525A5D

■ 5C5D5D

■ 65605D

■ 6E625D

■ 78655D

Harmonies

Analogous

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



1B4D54



244B5D



374760

Triad

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



244B5D



5F3D46



414A30

Complementary

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



244B5D



5D3624

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.



4F462C



244B5D



603E39

Square

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



244B5D



583F53



594130



324C3A

Rectangle

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



244B5D



43445E



594130



46492E

Sweetspot

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



244B5D



627178



245D35



30393D



BDBDBD



3D3D3D

Same Dimension

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



244B5D



1F5C78



242F5D



292C2E



004B6E



00A2ED

Inverse Universe

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



5D244B



781F5C



5D5224



2E292C



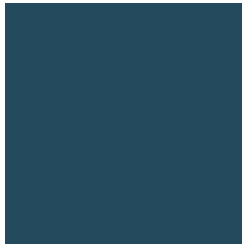
6E004B



ED00A2

Previews

White Background



This preview shows how the Hex color 244B5D looks on a white background.

Color Contrast Check

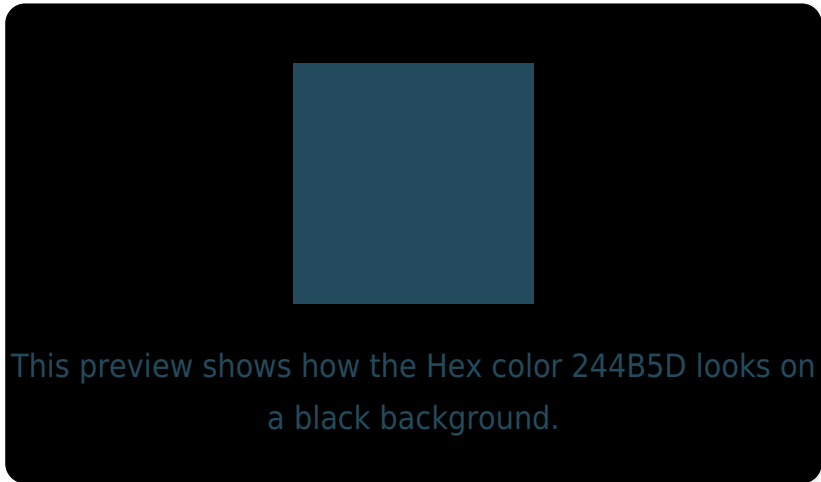
Large Text (above 18pt) WCAG AA ✓ Pass

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

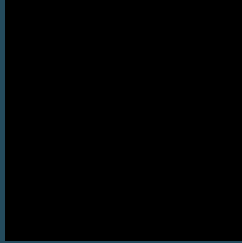
Any Text WCAG AA × Fail

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 244B5D Background



This preview shows how black text looks on a background with the Hex color 244B5D.



This preview shows how white text looks on a background with the Hex color 244B5D.

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

244B5D

Protanopia

414559

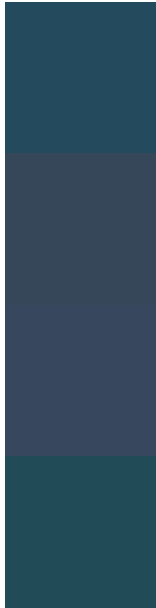
Deuteranopia

40455E



Tritanopia
1F4D53

Trichromacy



Original Color
244B5D

Protanomaly
36475A

Deuteranomaly
36475E

Tritanomaly
214C57

Monochromacy



Original Color
244B5D

Achromatopsia
414141

Achromatomaly
36454B

CSS Examples

Text

The CSS property to change the color of the text to Hex 244B5D 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 #244B5D looks like.

```
.text, #text, p{  
    color:#244B5D  
}
```

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 #244B5D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #244B5D
}
```

Border

The CSS property to change the border of an element to Hex 244B5D 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
#244B5D }
```

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

```
.border{ border-color:#244B5D }
```

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

Here you see how a box with a 4 pixel #244B5D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #244B5D; -webkit-box-shadow:4px 4px  
4px 4px #244B5D; box-shadow:4px 4px 4px  
4px #244B5D }
```

Background

The CSS property to change the background color of an element to Hex 244B5D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#244B5D }
```

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

```
.background{ background-color:#244B5D }
```

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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