

Converting Colors

Hex(41244B)

Have a look what the booklet for
Hex(41244B) contains.

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Color

Hex(41244B)

Conversions

Conversions Part 1

Format	Color
Hex	41244B
RGB	65, 36, 75
RGB Percent	25%, 14%, 29%
CMY	0.7451, 0.8588, 0.7059
CMYK	0.13, 0.52, 0.00, 0.71
HSL	285°, 35%, 22%
HSV	285°, 52%, 29%
XYZ	4.0808, 2.8936, 7.0000
YIQ	49.1170, 4.7650, 18.2770

Conversions

Conversions Part 2

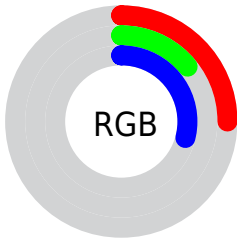
Format	Color
RYB	65, 36, 75
Decimal	4269131
CIELab	19.61, 21.58, -18.72
CIElCh	20, 28.567, 319.059
Yxy	2.8936, 0.2920, 0.2071
Android (android.graphics.Color)	4282459211 (0xFF41244B)
YUV	49.1170, 12.7603, 13.9294
Hunter-Lab	17.0105, 13.0541, -12.4913

Details

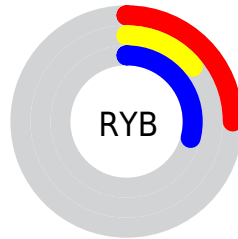
The Hex color **41244B** is a dark color, and the websafe version is hex **333366**. A complement of this color would be **2E4B24**, and the grayscale version is **313131**.

A 20% lighter version of the original color is **72527C**, and **18001F** is the 20% darker color. If you saturate the color by 10%, you get **3F1D4B**, and if you desaturate by 10%, it is **432C4B**.

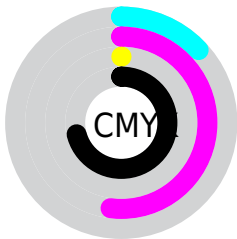
Distribution



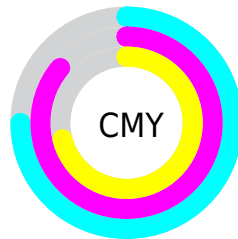
- Red (25%)
- Green (14%)
- Blue (29%)



- Red (25%)
- Yellow (14%)
- Blue (29%)



- Cyan (13%)
- Magenta (52%)
- Yellow (0%)
- Black (71%)



- Cyan (75%)
- Magenta (86%)
- Yellow (71%)

Brightness & Saturation Gradients

These gradients show how the Hex color 41244B 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 41244B by changing the saturation by 10% instead.

41244B

41244B

FFFFFF

2A0F34

72527C

18001F

8C6A96

000002

A684B1

000000

C29ECC

DEB9E8

FBD5FF

FFF1FF

41244B

41244B

■ 3F1D4B

■ 432C4B

■ 3D154B

■ 45334B

■ 3B0E4B

■ 473B4B

■ 39064B

■ 49424B

■ 38004B

■ 4B4A4B

■ 4D514B

■ 4E594B

■ 50604B

■ 52684B

Harmonies

Analogous

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



212D57



41244B



511C38

Triad

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



41244B



412C00



00393C

Complementary

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



41244B



2E4B24

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.



003927



41244B



2E3201

Square

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



41244B



4E2310



143712



00384F

Rectangle

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



41244B



551B2A



143712



003935

Sweetspot

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



41244B



5D5161



242E4B



2E2730



B0B0B0



303030

Same Dimension

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



41244B



512561



4B2442



252226



4C0066



AB00E6

Inverse Universe

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



4B242E



612534



244B2D



262223



66001A



E6003B

Previews

White Background



This preview shows how the Hex color 41244B looks on a white background.

Color Contrast Check

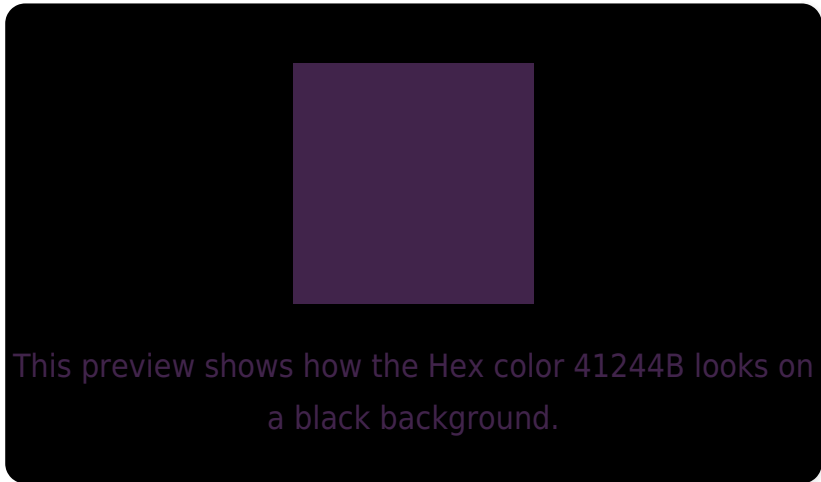
Large Text (above 18pt) WCAG AA ✓ Pass

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

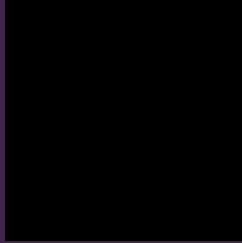
Any Text WCAG AA × Fail

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 41244B Background



This preview shows how black text looks on a background with the Hex color 41244B.



This preview shows how white text looks on a background with the Hex color 41244B.

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
41244B

Protanopia
1E2F55

Deuteranopia
243049



Tritanopia
3D2B2E

Trichromacy



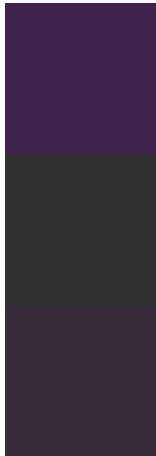
Original Color
41244B

Protanomaly
2B2B51

Deuteranomaly
2F2C4A

Tritanomaly
3E2839

Monochromacy



Original Color
41244B

Achromatopsia
313131

Achromatomaly
372C3A

CSS Examples

Text

The CSS property to change the color of the text to Hex 41244B 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 #41244B looks like.

```
.text, #text, p{  
    color:#41244B  
}
```

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 #41244B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #41244B
}
```

Border

The CSS property to change the border of an element to Hex 41244B is called "border". The border property can be set on classes, ids or directly on the HTML element.

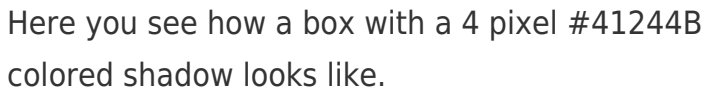
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#41244B }
```

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

```
.border{ border-color:#41244B }
```

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



Here you see how a box with a 4 pixel #41244B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #41244B; -webkit-box-shadow:4px 4px  
4px 4px #41244B; box-shadow:4px 4px 4px  
4px #41244B }
```

Background

The CSS property to change the background color of an element to Hex 41244B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#41244B }
```

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

```
.background{ background-color:#41244B }
```

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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