

Converting Colors

Hex(41244D)

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

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Color

Hex(41244D)

Conversions

Conversions Part 1

Format	Color
Hex	41244D
RGB	65, 36, 77
RGB Percent	25%, 14%, 30%
CMY	0.7451, 0.8588, 0.6980
CMYK	0.16, 0.53, 0.00, 0.70
HSL	282°, 36%, 22%
HSV	282°, 53%, 30%
XYZ	4.1504, 2.9214, 7.3663
YIQ	49.3450, 4.1230, 18.8990

Conversions

Conversions Part 2

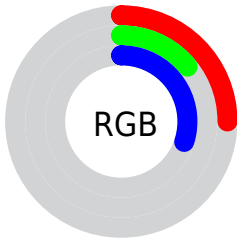
Format	Color
R_{YB}	65, 36, 77
Decimal	4269133
CIE _{Lab}	19.73, 22.08, -19.90
CIE _{LCh}	20, 29.721, 317.974
Yxy	2.9214, 0.2875, 0.2023
Android (android.graphics.Color)	4282459213 (0xFF41244D)
YUV	49.3450, 13.6339, 13.7294
Hunter-Lab	17.0921, 13.4333, -13.5882

Details

The Hex color **41244D** is a dark color, and the websafe version is hex **333366**. A complement of this color would be **304D24**, and the grayscale version is **313131**.

A 20% lighter version of the original color is **72527E**, and **190021** is the 20% darker color. If you saturate the color by 10%, you get **3F1C4D**, and if you desaturate by 10%, it is **432C4D**.

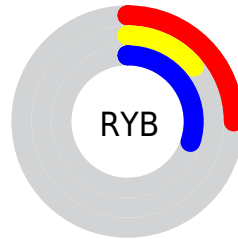
Distribution



Red (25%)

Green (14%)

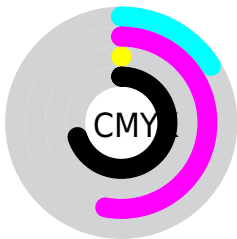
Blue (30%)



Red (25%)

Yellow (14%)

Blue (30%)

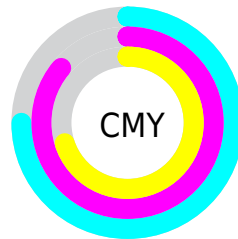


Cyan (16%)

Magenta (53%)

Yellow (0%)

Black (70%)



Cyan (75%)

Magenta (86%)

Yellow (70%)

Brightness & Saturation Gradients

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

■ 41244D

■ 41244D

FFFFFF

■ 2A0F36

■ 72527E

■ 190021

■ 8C6A98

■ 000005

■ A784B3

■ 000000

■ C29ECF

■ DEB9EB

■ FBD5FF

■ FFF1FF

■ 41244D

■ 41244D

■ 3F1C4D

■ 432C4D

■ 3C154D

■ 46334D

■ 3A0D4D

■ 483B4D

■ 38054D

■ 4A434D

■ 36004D

■ 4C4B4D

■ 4F524D

■ 515A4D

■ 53624D

■ 55694D

Harmonies

Analogous

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



1E2E59



41244D



521C39

Triad

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



41244D



422B00



003A3C

Complementary

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



41244D



304D24

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.



003926



41244D



2F3300

Square

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



41244D



502310



133711



003950

Rectangle

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



41244D



571A2B



133711



003A35

Sweetspot

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



41244D



5F5463



24304D



302933



B3B3B3



333333

Same Dimension

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



41244D



512463



4D2445



252226



480066



A200E6

Inverse Universe

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



4D2430



632436



244D2C



262224



66001E



E60043

Previews

White Background



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

Color Contrast Check

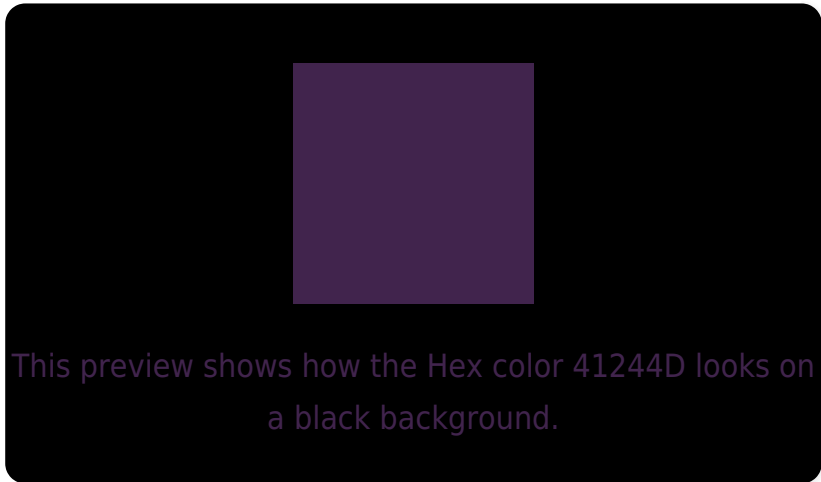
Large Text (above 18pt) WCAG AA ✓ Pass

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

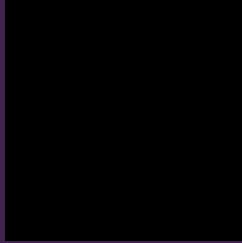
Any Text WCAG AA × Fail

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 41244D Background



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



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

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
41244D

Protanopia
1D2F57

Deuteranopia
23304B



Tritanopia
3D2C2F

Trichromacy



Original Color
41244D

Protanomaly
2A2B53

Deuteranomaly
2E2C4C

Tritanomaly
3E293A

Monochromacy



Original Color
41244D

Achromatopsia
313131

Achromatomaly
372C3B

CSS Examples

Text

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

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

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 #41244D colored shadow looks like.

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

Border

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

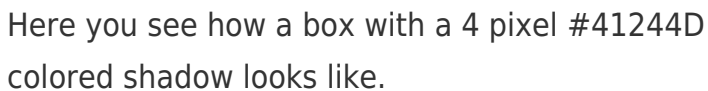
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

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

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

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

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



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

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

Background

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

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

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

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

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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