

Converting Colors

Hex(37224B)

Have a look what the booklet for
Hex(37224B) contains.

Hex(37224B)	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(37224B)

Conversions

Conversions Part 1

Format	Color
Hex	37224B
RGB	55, 34, 75
RGB Percent	22%, 13%, 29%
CMY	0.7843, 0.8667, 0.7059
CMYK	0.27, 0.55, 0.00, 0.71
HSL	271°, 38%, 21%
HSV	271°, 55%, 29%
XYZ	3.4176, 2.4643, 6.9521
YIQ	44.9530, -0.6450, 17.2030

Conversions

Conversions Part 2

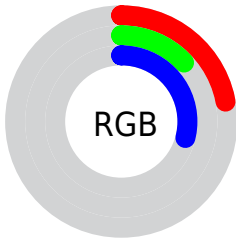
Format	Color
RYB	55, 34, 75
Decimal	3613259
CIELab	17.76, 19.53, -21.74
CIElCh	18, 29.221, 311.937
Yxy	2.4643, 0.2663, 0.1920
Android (android.graphics.Color)	4281803339 (0xFF37224B)
YUV	44.9530, 14.8132, 8.8112
Hunter-Lab	15.6980, 11.3892, -15.2690

Details

The Hex color **37224B** is a dark color, and the websafe version is hex **333366**. A complement of this color would be **364B22**, and the grayscale version is **2D2D2D**.

A 20% lighter version of the original color is **674F7C**, and **05001F** is the 20% darker color. If you saturate the color by 10%, you get **331B4B**, and if you desaturate by 10%, it is **3B2A4B**.

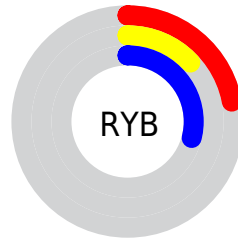
Distribution



Red (22%)

Green (13%)

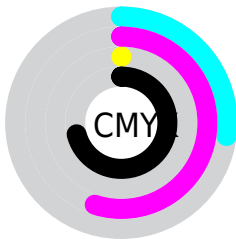
Blue (29%)



Red (22%)

Yellow (13%)

Blue (29%)

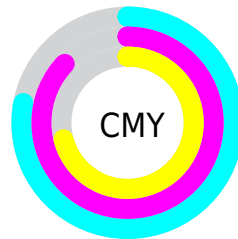


Cyan (27%)

Magenta (55%)

Yellow (0%)

Black (71%)



Cyan (78%)

Magenta (87%)

Yellow (71%)

Brightness & Saturation Gradients

These gradients show how the Hex color 37224B 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 37224B by changing the saturation by 10% instead.

■ 37224B

■ 37224B

FFFFFF

■ 200D34

■ 674F7C

■ 05001F

■ 816796

■ 000002

■ 9B81B1

■ 000000

■ B69BCC

■ D2B6E9

■ EED1FF

■ FFEEFF

■ 37224B

■ 37224B

■ 331B4B

■ 3B2A4B

■ 30134B

■ 3E314B

■ 2C0C4B

■ 42394B

■ 28044B

■ 46404B

■ 26004B

■ 49484B

■ 4D4F4B

■ 51574B

■ 545E4B

■ 58664B

Harmonies

Analogous

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



0C2B55



37224B



4B1939

Triad

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



37224B



412600



003534

Complementary

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



37224B



364B22

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.



00341E



37224B



2F2D00

Square

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



37224B



4D1D10



163208



003447

Rectangle

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



37224B



50162B



163208



00352C

Sweetspot

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



37224B



595161



22374B



2C2730



B0B0B0



303030

Same Dimension

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



37224B



422161



4B224B



242226



340066



7600E6

Inverse Universe

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



4B2236



612140



224B22



262224



660032



E60070

Previews

White Background



This preview shows how the Hex color 37224B looks on a white background.

Color Contrast Check

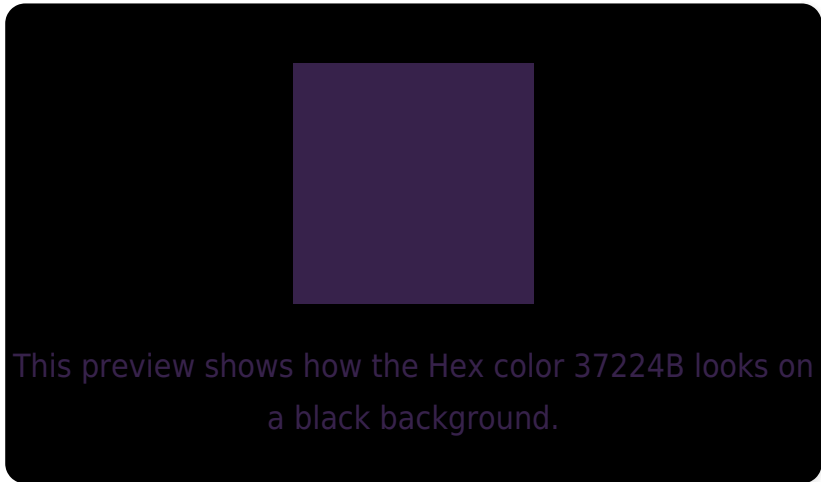
Large Text (above 18pt) WCAG AA ✓ Pass

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

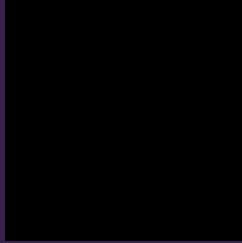
Any Text WCAG AA × Fail

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 37224B Background



This preview shows how black text looks on a background with the Hex color 37224B.



This preview shows how white text looks on a background with the Hex color 37224B.

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
37224B

Protanopia
152B54

Deuteranopia
192C49

Trichromacy



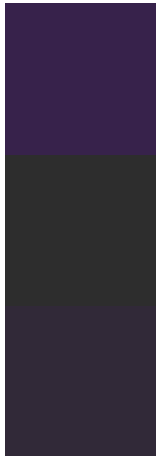
Original Color
37224B

Protanomaly
212851

Deuteranomaly
24284A

Tritanomaly
342738

Monochromacy



Original Color
37224B

Achromatopsia
2D2D2D

Achromatomaly
312938

CSS Examples

Text

The CSS property to change the color of the text to Hex 37224B 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 #37224B looks like.

```
.text, #text, p{  
    color:#37224B  
}
```

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 #37224B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #37224B
}
```

Border

The CSS property to change the border of an element to Hex 37224B 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".

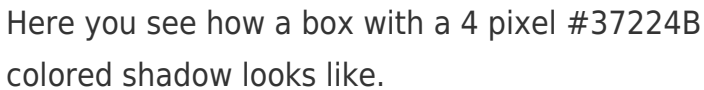
```
.border, #border, table{ border:4px solid
#37224B }
```

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

```
.border{ border-color:#37224B }
```

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

Here you see how a box with a 4 pixel #37224B colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #37224B; -webkit-box-shadow:4px 4px  
4px 4px #37224B; box-shadow:4px 4px 4px  
4px #37224B }
```

Background

The CSS property to change the background color of an element to Hex 37224B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#37224B }
```

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

```
.background{ background-color:#37224B }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor