

Converting Colors

Hex(37471B)

Have a look what the booklet for
Hex(37471B) contains.

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Color

Hex(37471B)

Conversions

Conversions Part 1

| Format | Color |
|-------------|---------------------------|
| Hex | 37471B |
| RGB | 55, 71, 27 |
| RGB Percent | 22%, 28%, 11% |
| CMY | 0.7843, 0.7216, 0.8941 |
| CMYK | 0.23, 0.00, 0.62, 0.72 |
| HSL | 82°, 45%, 19% |
| HSV | 82°, 62%, 28% |
| XYZ | 4.0266, 5.3978, 1.8666 |
| YIQ | 61.2000, 4.5880, -17.0760 |

Conversions

Conversions Part 2

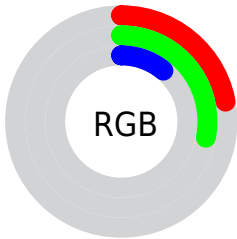
| Format | Color |
|-------------------------------------|-------------------------------|
| R_YB | 27, 71, 43 |
| Decimal | 3622683 |
| CIE Lab | 27.84, -14.66, 24.02 |
| CIE LCh | 28, 28.137, 121.402 |
| Yxy | 5.3978, 0.3566, 0.4781 |
| Android (android.graphics.Color) | 4281812763 (0xFF37471B) |
| YUV | 61.2000, -16.8606, -5.4374 |
| Hunter-Lab | 23.2332, -9.7218, 11.4999 |

Details

The Hex color **37471B** is a dark color, and the websafe version is hex **333300**. A complement of this color would be **2B1B47**, and the grayscale version is **3D3D3D**.

A 20% lighter version of the original color is **677748**, and **061C00** is the 20% darker color. If you saturate the color by 10%, you get **344714**, and if you desaturate by 10%, it is **3A4722**.

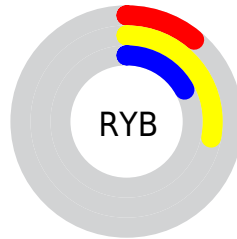
Distribution



Red (22%)

Green (28%)

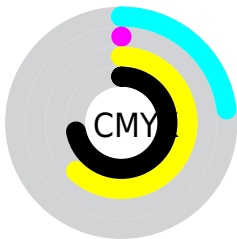
Blue (11%)



Red (11%)

Yellow (28%)

Blue (17%)

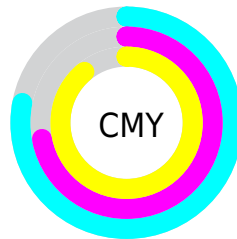


Cyan (23%)

Magenta (0%)

Yellow (62%)

Black (72%)



Cyan (78%)

Magenta (72%)

Yellow (89%)

Brightness & Saturation Gradients

These gradients show how the Hex color 37471B 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 37471B by changing the saturation by 10% instead.

 37471B


 37471B

FFFFFF

 213003

 677748

 061C00

 819160

 000000

 9BAC79

 B6C793

 D2E3AE

 EEFFCA

 FFFFE6

 37471B

 37471B

■ 344714

■ 3A4722

■ 32470D

■ 3C4729

■ 2F4706

■ 3F4730

■ 2D4700

■ 414737

■ 44473F

■ 464746

■ 49474D

■ 4C4754

■ 4E475B

Harmonies

Analogous

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



4D4114



37471B



194B2C

Triad

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



37471B



004967



692F42

Complementary

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



37471B



2B1B47

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.



5D3357



37471B



18446D

Square

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



37471B



004C58



443C67



68322C

Rectangle

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



37471B



004C3B



443C67



663049

Sweetspot

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



37471B



555C4A



472A1B



2A2E23



ADADAD



2E2E2E

Same Dimension

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



37471B



435C18



22471B



222420



3F6300



90E300

Inverse Universe

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



2B1B47



31185C



401B47



212024



240063



5300E3

Previews

White Background



This preview shows how the Hex color 37471B looks on a white background.

Color Contrast Check

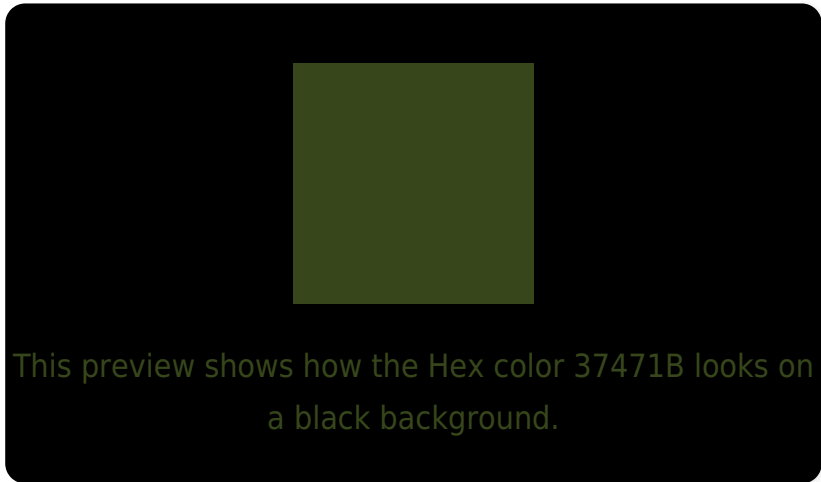
Large Text (above 18pt) WCAG AA ✓ Pass

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

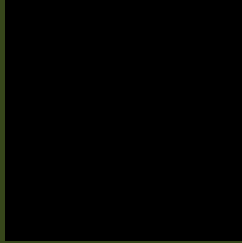
Any Text WCAG AA × Fail

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 37471B Background



This preview shows how black text looks on a background with the Hex color 37471B.



This preview shows how white text looks on a background with the Hex color 37471B.

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
37471B

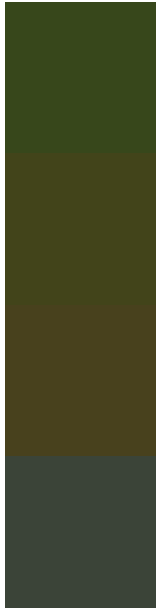
Protanopia
494219

Deuteranopia
513E1E



Tritanopia
3D4348

Trichromacy



Original Color
37471B

Protanomaly
42441A

Deuteranomaly
48411D

Tritanomaly
3B4438

Monochromacy



Original Color
37471B

Achromatopsia
3D3D3D

Achromatomaly
3B4131

CSS Examples

Text

The CSS property to change the color of the text to Hex 37471B 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 #37471B looks like.

```
.text, #text, p{  
    color:#37471B  
}
```

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 #37471B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #37471B
}
```

Border

The CSS property to change the border of an element to Hex 37471B 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".

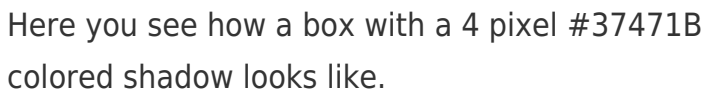
```
.border, #border, table{ border:4px solid
#37471B }
```

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

```
.border{ border-color:#37471B }
```

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

Here you see how a box with a 4 pixel #37471B colored shadow looks like.

A rectangular box with a dark green border and a dark green shadow. The box is white with a thin dark green border on the top and left sides, and a thicker dark green shadow on the bottom and right sides.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #37471B; -webkit-box-shadow:4px 4px  
4px 4px #37471B; box-shadow:4px 4px 4px  
4px #37471B }
```

Background

The CSS property to change the background color of an element to Hex 37471B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#37471B }
```

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

```
.background{ background-color:#37471B }
```

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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