

Converting Colors

Hex(42461B)

Have a look what the booklet for
Hex(42461B) contains.

Hex(42461B)	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(42461B)

Conversions

Conversions Part 1

Format	Color
Hex	42461B
RGB	66, 70, 27
RGB Percent	26%, 27%, 11%
CMY	0.7412, 0.7255, 0.8941
CMYK	0.06, 0.00, 0.61, 0.73
HSL	66°, 44%, 19%
HSV	66°, 61%, 27%
XYZ	4.6348, 5.6177, 1.8770
YIQ	63.9020, 11.4190, -14.2210

Conversions

Conversions Part 2

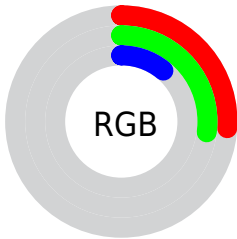
Format	Color
RYB	27, 70, 31
Decimal	4343323
CIELab	28.43, -8.82, 24.93
CIELCh	28, 26.449, 109.491
Yxy	5.6177, 0.3821, 0.4631
Android (android.graphics.Color)	4282533403 (0xFF42461B)
YUV	63.9020, -18.1927, 1.8399
Hunter-Lab	23.7017, -6.5731, 11.8960

Details

The Hex color **42461B** is a dark color, and the websafe version is hex **333300**. A complement of this color would be **1F1B46**, and the grayscale version is **404040**.

A 20% lighter version of the original color is **737648**, and **151B00** is the 20% darker color. If you saturate the color by 10%, you get **414614**, and if you desaturate by 10%, it is **434622**.

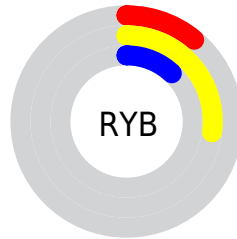
Distribution



Red (26%)

Green (27%)

Blue (11%)



Red (11%)

Yellow (27%)

Blue (12%)

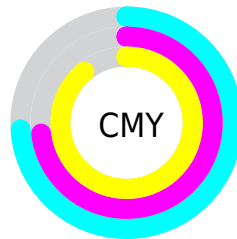


Cyan (6%)

Magenta (0%)

Yellow (61%)

Black (73%)



Cyan (74%)

Magenta (73%)

Yellow (89%)

Brightness & Saturation Gradients

These gradients show how the Hex color 42461B 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 42461B by changing the saturation by 10% instead.



42461B



42461B

FFFFFF



2B3003



737648



151B00



8D9060



000000



A8AA79



C3C593



E0E1AE



FCFECA



FFFFE6



42461B



42461B

■ 414614

■ 434622

■ 41460D

■ 434629

■ 404606

■ 444630

■ 3F4600

■ 454637

■ 45463E

■ 464645

■ 47464C

■ 474653

■ 48465A

Harmonies

Analogous

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



553F1A



42461B



2A4B28

Triad

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



42461B



004C62



65334B

Complementary

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



42461B



1F1B46

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.



55395E



42461B



02476B

Square

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



42461B



004D50



394169



693237

Rectangle

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



42461B



144C34



394169



613452

Sweetspot

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



42461B



5A5C4B



461F1B



2D2E24



ADADAD



2E2E2E

Same Dimension

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



42461B



555C18



2D461B



232420



5A6300



CEE300

Inverse Universe

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



1F1B46



1E185C



341B46



202024



090063



1500E3

Previews

White Background



This preview shows how the Hex color 42461B looks on a white background.

Color Contrast Check

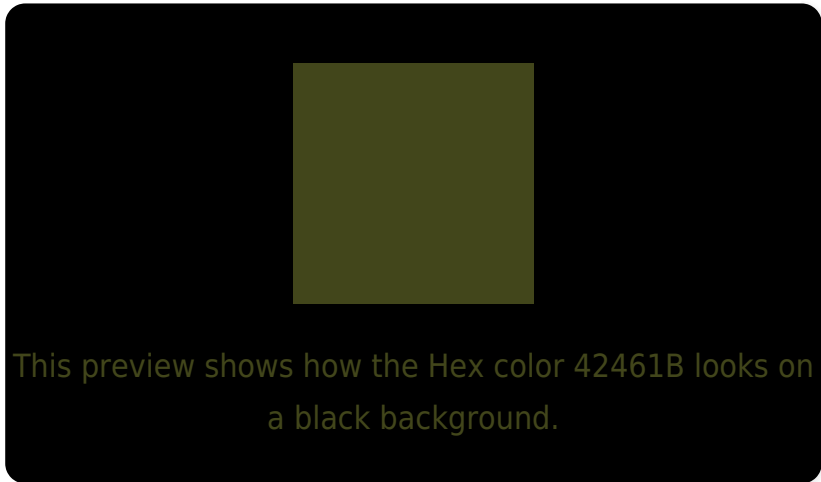
Large Text (above 18pt) WCAG AA ✓ Pass

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

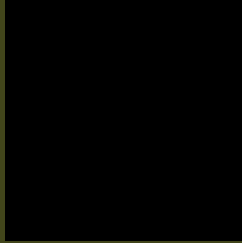
Any Text WCAG AA × Fail

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 42461B Background



This preview shows how black text looks on a background with the Hex color 42461B.



This preview shows how white text looks on a background with the Hex color 42461B.

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
42461B

Protanopia
4B431A

Deuteranopia
53401D



Tritanopia
464247

Trichromacy



Original Color
42461B

Protanomaly
48441A

Deuteranomaly
4D421C

Tritanomaly
454337

Monochromacy



Original Color
42461B

Achromatopsia
404040

Achromatomaly
414233

CSS Examples

Text

The CSS property to change the color of the text to Hex 42461B 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 #42461B looks like.

```
.text, #text, p{  
    color:#42461B  
}
```

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 #42461B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #42461B
}
```

Border

The CSS property to change the border of an element to Hex 42461B 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".

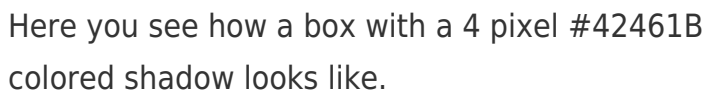
```
.border, #border, table{ border:4px solid
#42461B }
```

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

```
.border{ border-color:#42461B }
```

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

Here you see how a box with a 4 pixel #42461B colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #42461B; -webkit-box-shadow:4px 4px  
4px 4px #42461B; box-shadow:4px 4px 4px  
4px #42461B }
```

Background

The CSS property to change the background color of an element to Hex 42461B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#42461B }
```

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

```
.background{ background-color:#42461B }
```

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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