

Converting Colors

Hex(40861B)

Have a look what the booklet for
Hex(40861B) contains.

Hex(40861B)	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(40861B)

Conversions

Conversions Part 1

Format	Color
Hex	40861B
RGB	64, 134, 27
RGB Percent	25%, 53%, 11%
CMY	0.7490, 0.4745, 0.8941
CMYK	0.52, 0.00, 0.80, 0.47
HSL	99°, 66%, 32%
HSV	99°, 80%, 53%
XYZ	10.8373, 18.2193, 3.9824
YIQ	100.8720, -7.3730, -48.1170

Conversions

Conversions Part 2

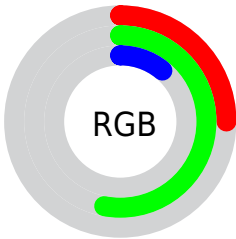
Format	Color
R_{YB}	27, 134, 97
Decimal	4228635
CIE _{Lab}	49.76, -41.00, 46.99
CIE _{LCh}	50, 62.363, 131.103
Yxy	18.2193, 0.3280, 0.5514
Android (android.graphics.Color)	4282418715 (0xFF40861B)
YUV	100.8720, -36.4189, -32.3367
Hunter-Lab	42.6841, -29.3769, 24.3471

Details

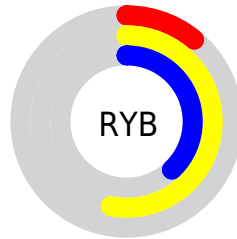
The Hex color **40861B** is a dark color, and the websafe version is hex **669933**. A complement of this color would be **611B86**, and the grayscale version is **656565**.

A 20% lighter version of the original color is **77BC50**, and **005300** is the 20% darker color. If you saturate the color by 10%, you get **37860E**, and if you desaturate by 10%, it is **498628**.

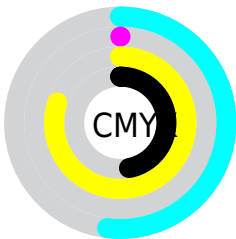
Distribution



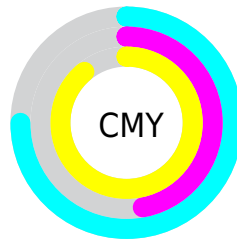
- Red (25%)
- Green (53%)
- Blue (11%)



- Red (11%)
- Yellow (53%)
- Blue (38%)



- Cyan (52%)
- Magenta (0%)
- Yellow (80%)
- Black (47%)



- Cyan (75%)
- Magenta (47%)
- Yellow (89%)

Brightness & Saturation Gradients

These gradients show how the Hex color 40861B 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 40861B by changing the saturation by 10% instead.



40861B



40861B

FFFFFF



236C00



77BC50



005300



92D86A



003B00



AFF584



002700



CBFF9F



000000



E8FFBB



FFFFD8



FFFFF4



40861B



40861B

■ 37860E

■ 498628

■ 2E8600

■ 528636

■ 5A8643

■ 638651

■ 6C865E

■ 75866B

■ 7D8679

■ 868686

■ 8F8694

Harmonies

Analogous

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



7C7A00



40861B



008C52

Triad

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



40861B



0085DB



D43D65

Complementary

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



40861B



611B86

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.



C3459A



40861B



0076DF

Square

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



40861B



008DBB



915FC7



C94F33

Rectangle

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



40861B



008E77



915FC7



D23C77

Sweetspot

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



40861B



92AD84



86611B



46573E



D6D6D6



575757

Same Dimension

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



40861B



40AD07



1B862B



3E423C



2D8200



010300

Inverse Universe

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



611B86



7407AD



861B76



403C42



550082



020003

Previews

White Background



This preview shows how the Hex color 40861B looks on a white background.

Color Contrast Check

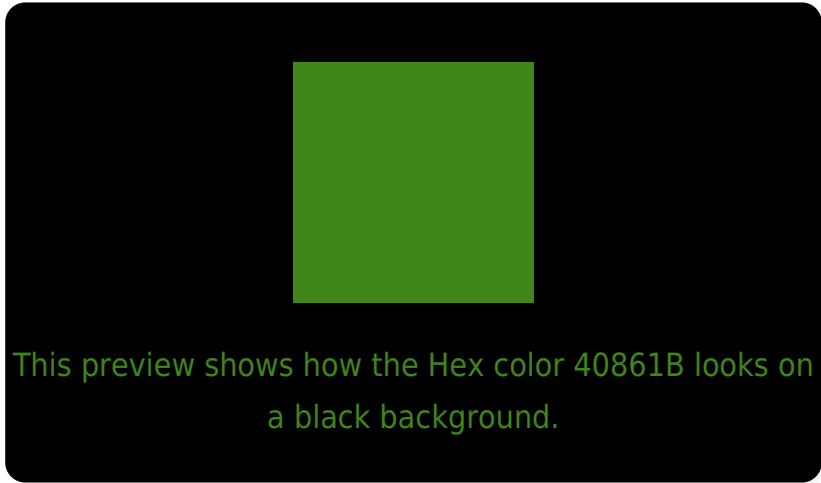
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black 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 × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Hex 40861B Background



This preview shows how black text looks on a background with the Hex color 40861B.



This preview shows how white text looks on a background with the Hex color 40861B.

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](#).

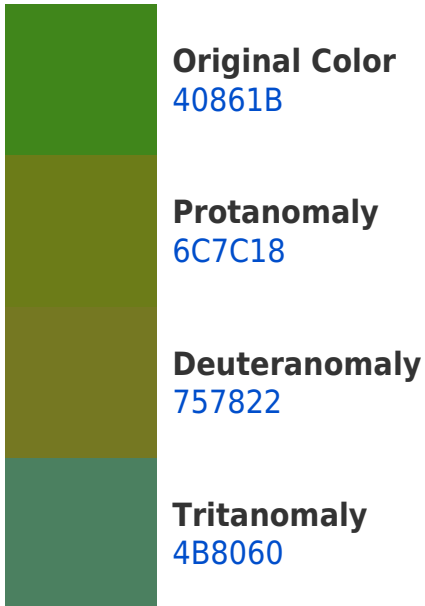
Dichromacy



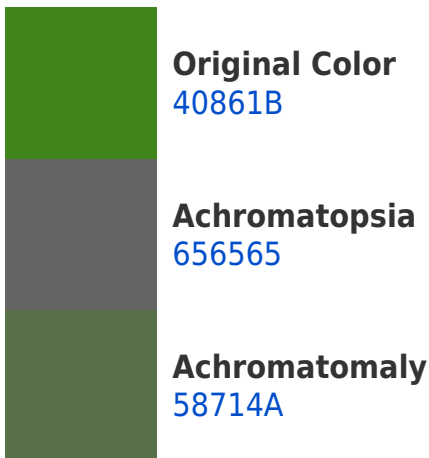


Tritanopia
527D87

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 40861B 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 #40861B looks like.

```
.text, #text, p{  
    color:#40861B  
}
```

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 #40861B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #40861B
}
```

Border

The CSS property to change the border of an element to Hex 40861B 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
#40861B }
```

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

```
.border{ border-color:#40861B }
```

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

Here you see how a box with a 4 pixel #40861B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #40861B; -webkit-box-shadow:4px 4px  
4px 4px #40861B; box-shadow:4px 4px 4px  
4px #40861B }
```

Background

The CSS property to change the background color of an element to Hex 40861B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#40861B }
```

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

```
.background{ background-color:#40861B }
```

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