

Converting Colors

Hex(34870C)

Have a look what the booklet for
Hex(34870C) contains.

Hex(34870C)	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(34870C)

Conversions

Conversions Part 1

Format	Color
Hex	34870C
RGB	52, 135, 12
RGB Percent	20%, 53%, 5%
CMY	0.7961, 0.4706, 0.9529
CMYK	0.61, 0.00, 0.91, 0.47
HSL	100°, 84%, 29%
HSV	100°, 91%, 53%
XYZ	10.1465, 18.0846, 3.3037
YIQ	96.1610, -9.9850, -55.8490

Conversions

Conversions Part 2

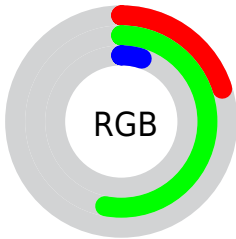
Format	Color
RYB	12, 135, 95
Decimal	3442444
CIELab	49.60, -45.56, 50.72
CIElCh	50, 68.180, 131.933
Yxy	18.0846, 0.3218, 0.5735
Android (android.graphics.Color)	4281632524 (0xFF34870C)
YUV	96.1610, -41.4914, -38.7292
Hunter-Lab	42.5259, -31.8311, 25.1621

Details

The Hex color **34870C** is a dark color, and the websafe version is hex **339933**. A complement of this color would be **5F0C87**, and the grayscale version is **616161**.

A 20% lighter version of the original color is **6DBD47**, and **005400** is the 20% darker color. If you saturate the color by 10%, you get **2C8700**, and if you desaturate by 10%, it is **3D871A**.

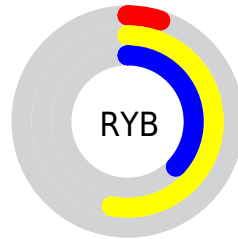
Distribution



Red (20%)

Green (53%)

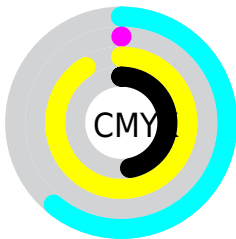
Blue (5%)



Red (5%)

Yellow (53%)

Blue (37%)

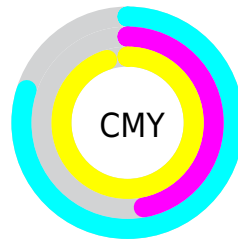


Cyan (61%)

Magenta (0%)

Yellow (91%)

Black (47%)



Cyan (80%)

Magenta (47%)

Yellow (95%)

Brightness & Saturation Gradients

These gradients show how the Hex color 34870C 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 34870C by changing the saturation by 10% instead.



34870C



34870C

FFFFFF



0F6D00



6DBD47



005400



89D961



003C00



A6F67C



002700



C2FF97



000000



E0FFB3



FDFFCF



FFFEC



34870C



34870C

■ 2C8700

■ 3D871A

■ 468727

■ 4F8735

■ 588742

■ 62874F

■ 6B875D

■ 74876B

■ 7D8778

■ 868785

Harmonies

Analogous

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



7A7B00



34870C



008D50

Triad

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



34870C



0086E5



DB3161

Complementary

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



34870C



5F0C87

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.



CA3B9B



34870C



0075E8

Square

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



34870C



008EC3



945ACD



CE4A2A

Rectangle

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



34870C



008F78



945ACD



D92F75

Sweetspot

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



34870C



90B080



875E0C



46593D



D9D9D9



595959

Same Dimension

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



34870C



39B000



0C8720



3E423C



2A8200



010300

Inverse Universe

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



5F0C87



7700B0



870C72



403C42



580082



020003

Previews

White Background



This preview shows how the Hex color 34870C looks on a white background.

Color Contrast Check

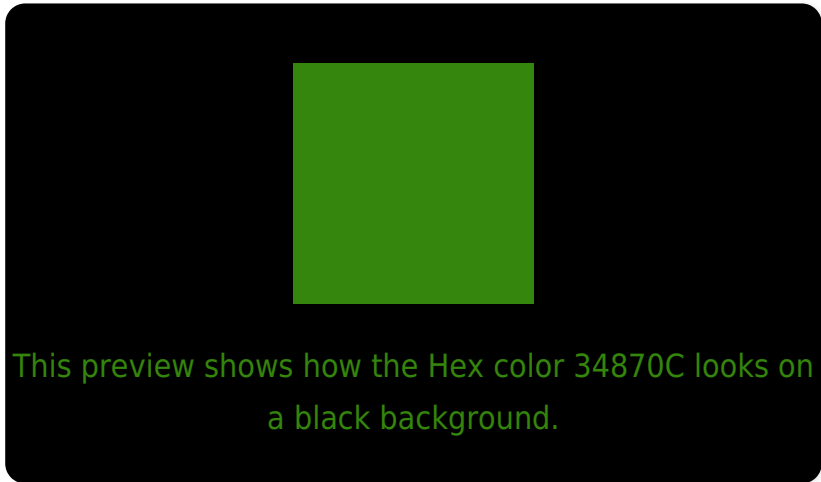
Large Text (above 18pt) WCAG AA ✓ Pass

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

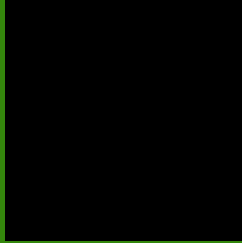
Any Text WCAG AA ✓ Pass

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 34870C Background



This preview shows how black text looks on a background with the Hex color 34870C.



This preview shows how white text looks on a background with the Hex color 34870C.

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
34870C

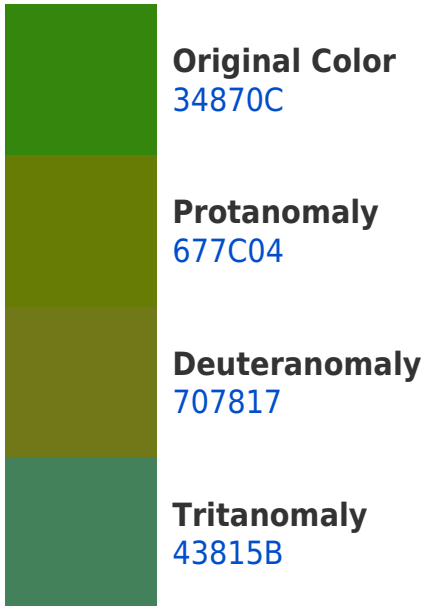
Protanopia
847600

Deuteranopia
936F1E

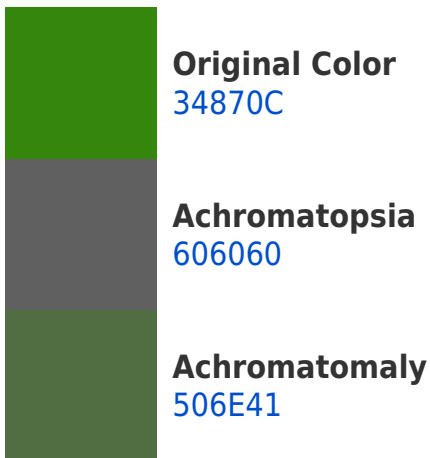


Tritanopia
4B7E88

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 34870C 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 #34870C looks like.

```
.text, #text, p{  
    color:#34870C  
}
```

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 #34870C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #34870C
}
```

Border

The CSS property to change the border of an element to Hex 34870C is called "border". The border property can be set on classes, ids or directly on the HTML element.

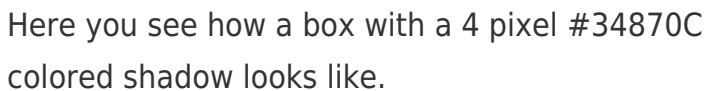
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#34870C }
```

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

```
.border{ border-color:#34870C }
```

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



Here you see how a box with a 4 pixel #34870C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #34870C; -webkit-box-shadow:4px 4px  
4px 4px #34870C; box-shadow:4px 4px 4px  
4px #34870C }
```

Background

The CSS property to change the background color of an element to Hex 34870C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#34870C }
```

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

```
.background{ background-color:#34870C }
```

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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