

Converting Colors

Hex(13421E)

Have a look what the booklet for
Hex(13421E) contains.

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Color

Hex(13421E)

Conversions

Conversions Part 1

Format	Color
Hex	13421E
RGB	19, 66, 30
RGB Percent	7%, 26%, 12%
CMY	0.9255, 0.7412, 0.8824
CMYK	0.71, 0.00, 0.55, 0.74
HSL	134°, 55%, 17%
HSV	134°, 71%, 26%
XYZ	2.4511, 4.1286, 1.8960
YIQ	47.8430, -16.4560, -21.1600

Conversions

Conversions Part 2

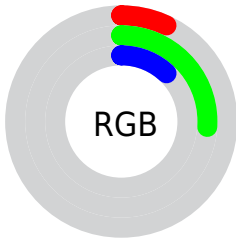
Format	Color
R_{YB}	19, 57, 66
Decimal	1262110
CIE _{Lab}	24.09, -25.09, 17.29
CIE _{LCh}	24, 30.467, 145.435
Yxy	4.1286, 0.2892, 0.4871
Android (android.graphics.Color)	4279452190 (0xFF13421E)
YUV	47.8430, -8.7966, -25.2953
Hunter-Lab	20.3190, -14.0255, 8.6908

Details

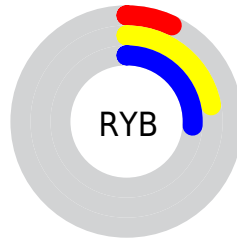
The Hex color **13421E** is a dark color, and the websafe version is hex **003300**. A complement of this color would be **421337**, and the grayscale version is **303030**.

A 20% lighter version of the original color is **44734B**, and **001700** is the 20% darker color. If you saturate the color by 10%, you get **0C4219**, and if you desaturate by 10%, it is **1A4223**.

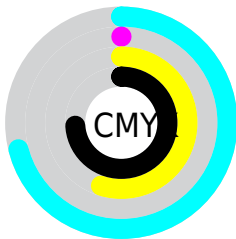
Distribution



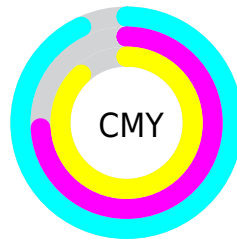
- Red (7%)
- Green (26%)
- Blue (12%)



- Red (7%)
- Yellow (22%)
- Blue (26%)



- Cyan (71%)
- Magenta (0%)
- Yellow (55%)
- Black (74%)



- Cyan (93%)
- Magenta (74%)
- Yellow (88%)

Brightness & Saturation Gradients

These gradients show how the Hex color 13421E 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 13421E by changing the saturation by 10% instead.

 13421E

 13421E

FFFFFF

 002B07

 44734B

 001700

 5D8C63

 000000

 77A77C

 91C296

 ACDEB0

 C8FBCC

 E4FFE8

 13421E

 13421E

■ 0C4219

■ 1A4223

■ 064214

■ 204228

■ 00420F

■ 27422D

■ 2D4232

■ 344237

■ 3B423C

■ 414241

■ 484246

■ 4E424B

Harmonies

Analogous

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



323E0C



13421E



004435

Triad

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



13421E



003D67



622627

Complementary

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



13421E



421337

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.



61243E



13421E



333563

Square

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



13421E



00425F



522B54



592E14

Rectangle

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



13421E



004445



522B54



63242E

Sweetspot

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



13421E



445749



374213



212B23



ABABAB



2B2B2B

Same Dimension

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



13421E



0D571E



134235



1E211F



006117



00E035

Inverse Universe

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



421337



570D45



421320



211E20



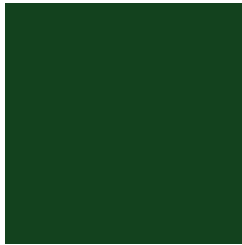
61004A



E000AC

Previews

White Background



This preview shows how the Hex color 13421E looks on a white background.

Color Contrast Check

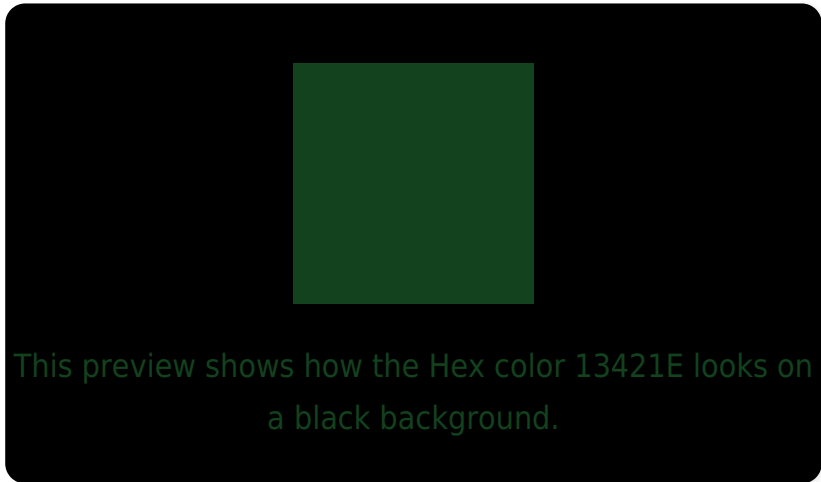
Large Text (above 18pt) WCAG AA ✓ Pass

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

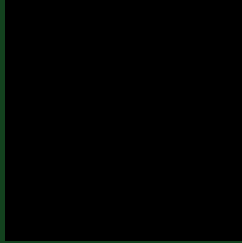
Any Text WCAG AA × Fail

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 13421E Background



This preview shows how black text looks on a background with the Hex color 13421E.



This preview shows how white text looks on a background with the Hex color 13421E.

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](#).

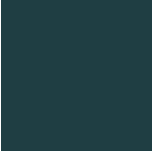
Dichromacy



Original Color
13421E

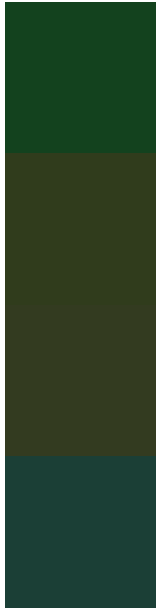
Protanopia
40391B

Deuteranopia
463721



Tritanopia
1F3E43

Trichromacy



Original Color
13421E

Protanomaly
303C1C

Deuteranomaly
333B20

Tritanomaly
1B3F36

Monochromacy



Original Color
13421E

Achromatopsia
303030

Achromatomaly
253729

CSS Examples

Text

The CSS property to change the color of the text to Hex 13421E 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 #13421E looks like.

```
.text, #text, p{  
    color:#13421E  
}
```

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 #13421E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #13421E
}
```

Border

The CSS property to change the border of an element to Hex 13421E 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".

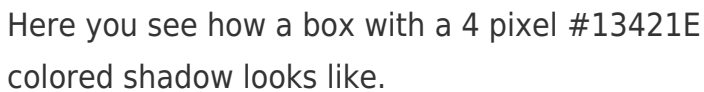
```
.border, #border, table{ border:4px solid
#13421E }
```

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

```
.border{ border-color:#13421E }
```

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

Here you see how a box with a 4 pixel #13421E 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 #13421E; -webkit-box-shadow:4px 4px  
4px 4px #13421E; box-shadow:4px 4px 4px  
4px #13421E }
```

Background

The CSS property to change the background color of an element to Hex 13421E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#13421E }
```

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

```
.background{ background-color:#13421E }
```

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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