

Converting Colors

Hex(14581C)

Have a look what the booklet for
Hex(14581C) contains.

Hex(14581C)	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(14581C)

Conversions

Conversions Part 1

Format	Color
Hex	14581C
RGB	20, 88, 28
RGB Percent	8%, 35%, 11%
CMY	0.9216, 0.6549, 0.8902
CMYK	0.77, 0.00, 0.68, 0.65
HSL	127°, 63%, 21%
HSV	127°, 77%, 35%
XYZ	3.9878, 7.2120, 2.2805
YIQ	60.8280, -21.2680, -33.0760

Conversions

Conversions Part 2

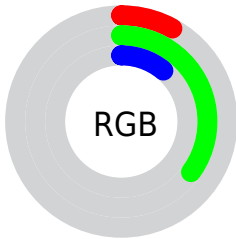
Format	Color
R_{YB}	20, 81, 88
Decimal	1333276
CIE _{Lab}	32.28, -34.38, 28.12
CIE _{LCh}	32, 44.418, 140.722
Yxy	7.2120, 0.2958, 0.5350
Android (android.graphics.Color)	4279523356 (0xFF14581C)
YUV	60.8280, -16.1842, -35.8062
Hunter-Lab	26.8552, -20.4905, 13.7638

Details

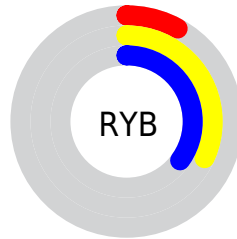
The Hex color **14581C** is a dark color, and the websafe version is hex **006633**. A complement of this color would be **581450**, and the grayscale version is **3D3D3D**.

A 20% lighter version of the original color is **4B8B4A**, and **002A00** is the 20% darker color. If you saturate the color by 10%, you get **0B5814**, and if you desaturate by 10%, it is **1D5824**.

Distribution



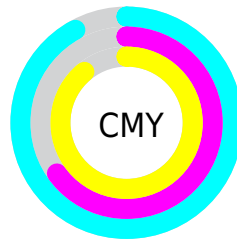
- Red (8%)
- Green (35%)
- Blue (11%)



- Red (8%)
- Yellow (32%)
- Blue (35%)



- Cyan (77%)
- Magenta (0%)
- Yellow (68%)
- Black (65%)



- Cyan (92%)
- Magenta (65%)
- Yellow (89%)

Brightness & Saturation Gradients

These gradients show how the Hex color 14581C 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 14581C by changing the saturation by 10% instead.

 14581C

 14581C

FFFFFF

 004004

 4B8B4A

 002A00

 65A563

 000F00

 80C17C

 000000

 9BDD96

 B6FAB1

 D3FFCD

 F0FFE9

 14581C

 14581C

■ 0B5814

■ 1D5824

■ 02580C

■ 26582C

■ 00580A

■ 2E5833

■ 37583B

■ 405843

■ 49584B

■ 525852

■ 5A585A

■ 635862

Harmonies

Analogous

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



455100



14581C



005B40

Triad

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



14581C



005391



892935

Complementary

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



14581C



581450

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.



852858



14581C



33478E

Square

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



14581C



005A82



6B3779



7D3715

Rectangle

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



14581C



005C58



6B3779



8A2741

Sweetspot

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



14581C



58735B



505814



2A3B2C



BABABA



3B3B3B

Same Dimension

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



14581C



087315



14583E



272B28



006B0D



00EB1C

Inverse Universe

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



581450



730866



58142E



2B272B



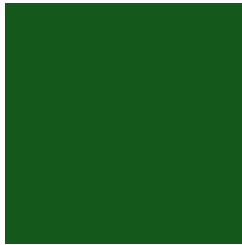
6B005F



EB00CF

Previews

White Background



This preview shows how the Hex color 14581C looks on a white background.

Color Contrast Check

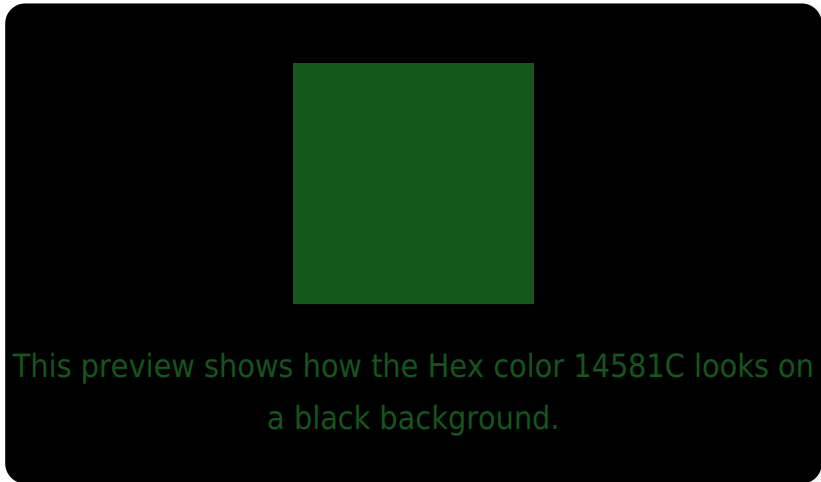
Large Text (above 18pt) WCAG AA ✓ Pass

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

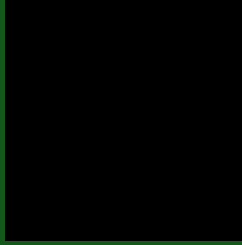
Any Text WCAG AA × Fail

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 14581C Background



This preview shows how black text looks on a background with the Hex color 14581C.



This preview shows how white text looks on a background with the Hex color 14581C.

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](#).

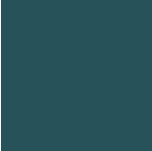
Dichromacy



Original Color
14581C

Protanopia
554C19

Deuteranopia
5E4821



Tritanopia
285259

Trichromacy



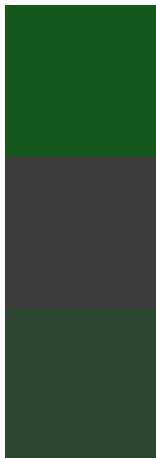
Original Color
14581C

Protanomaly
3D501A

Deuteranomaly
434E1F

Tritanomaly
215443

Monochromacy



Original Color
14581C

Achromatopsia
3D3D3D

Achromatomaly
2E4731

CSS Examples

Text

The CSS property to change the color of the text to Hex 14581C 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 #14581C looks like.

```
.text, #text, p{  
    color:#14581C  
}
```

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 #14581C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #14581C
}
```

Border

The CSS property to change the border of an element to Hex 14581C 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".

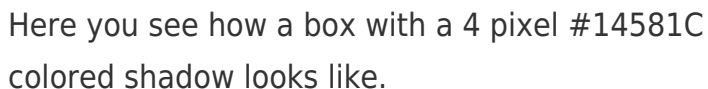
```
.border, #border, table{ border:4px solid
#14581C }
```

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

```
.border{ border-color:#14581C }
```

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

Here you see how a box with a 4 pixel #14581C colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #14581C; -webkit-box-shadow:4px 4px  
4px 4px #14581C; box-shadow:4px 4px 4px  
4px #14581C }
```

Background

The CSS property to change the background color of an element to Hex 14581C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#14581C }
```

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

```
.background{ background-color:#14581C }
```

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