

# Converting Colors

Hex(14582C)

Have a look what the booklet for  
Hex(14582C) contains.

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# Color

Hex(14582C)

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	14582C
RGB	20, 88, 44
RGB Percent	8%, 35%, 17%
CMY	0.9216, 0.6549, 0.8275
CMYK	0.77, 0.00, 0.50, 0.65
HSL	141°, 63%, 21%
HSV	141°, 77%, 35%
XYZ	4.2328, 7.3100, 3.5708
YIQ	62.6520, -26.4040, -28.1000

# Conversions

## Conversions Part 2

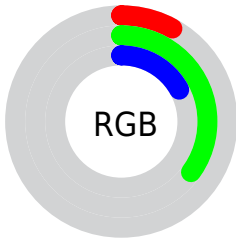
<b>Format</b>	<b>Color</b>
<b>RYB</b>	20, 70, 88
Decimal	1333292
CIELab	32.50, -31.83, 19.61
CIElCh	33, 37.388, 148.369
Yxy	7.3100, 0.2801, 0.4837
Android (android.graphics.Color)	4279523372 (0xFF14582C)
YUV	62.6520, -9.1954, -37.4058
Hunter-Lab	27.0370, -19.3694, 11.0956

# Details

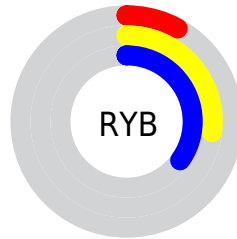
The Hex color **14582C** is a dark color, and the websafe version is hex **336633**. A complement of this color would be **581440**, and the grayscale version is **3F3F3F**.

A 20% lighter version of the original color is **4A8B5A**, and **002A00** is the 20% darker color. If you saturate the color by 10%, you get **0B5826**, and if you desaturate by 10%, it is **1D5832**.

# Distribution



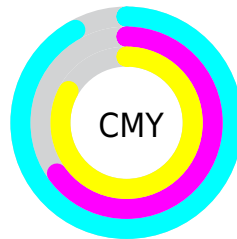
- Red (8%)
- Green (35%)
- Blue (17%)



- Red (8%)
- Yellow (27%)
- Blue (35%)



- Cyan (77%)
- Magenta (0%)
- Yellow (50%)
- Black (65%)



- Cyan (92%)
- Magenta (65%)
- Yellow (83%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 14582C 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 14582C by changing the saturation by 10% instead.



 14582C

 14582C

FFFFFF

 004016

 4A8B5A

 002A00

 64A573

 001000

 7FC18D

 000000

 9ADDA7

 B5F9C3

 D1FFDF

 EEEFFB

 14582C

 14582C

■ 0B5826

■ 1D5832

■ 025821

■ 265837

■ 00581F

■ 2E583D

■ 375843

■ 405848

■ 49584E

■ 525854

■ 5A585A

■ 63585F

# Harmonies

## Analogous

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



405314



14582C



005A4A

# Triad

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



14582C



005087



803432

# Complementary

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



14582C



581440

# 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.



80314F



14582C



4A4580

# Square

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



14582C



00577E



6E396C



733F1A

# Rectangle

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



14582C



005B5E



6E396C



82323C



# Sweetspot

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



14582C



587362



405814



2A3B30



BABABA



3B3B3B



# Same Dimension

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



14582C



08732E



14584E



272B29



006B26



00EB53



# Inverse Universe

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



581440



73084D



58141E



2B272A



6B0045

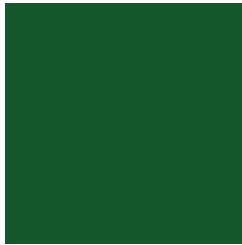


EB0098



# Previews

## White Background



This preview shows how the Hex color 14582C looks on a white background.

## Color Contrast Check

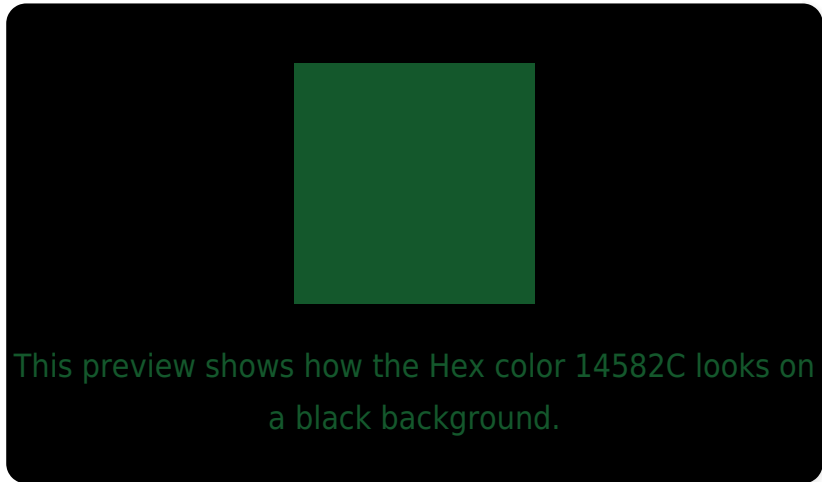
Large Text (above 18pt) WCAG AA ✓ Pass

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

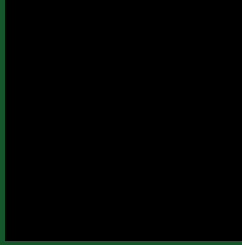
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 14582C Background



This preview shows how black text looks on a background with the Hex color 14582C.



This preview shows how white text looks on a background with the Hex color 14582C.

# 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](#).

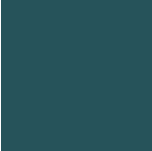
## Dichromacy



**Original Color**  
14582C

**Protanopia**  
544C28

**Deuteranopia**  
5C4930



**Tritanopia**  
26535A

# Trichromacy



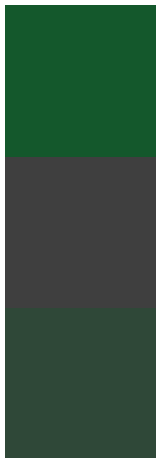
**Original Color**  
14582C

**Protanomaly**  
3D5029

**Deuteranomaly**  
424E2F

**Tritanomaly**  
1F5549

# Monochromacy



**Original Color**  
14582C

**Achromatopsia**  
3F3F3F

**Achromatomaly**  
2F4838

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 14582C 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 #14582C looks like.

```
.text, #text, p{  
    color:#14582C  
}
```

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 #14582C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #14582C
}
```

## Border

The CSS property to change the border of an element to Hex 14582C 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".

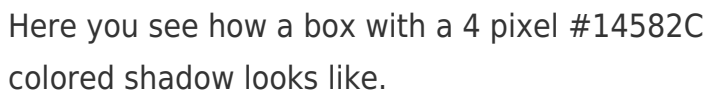
```
.border, #border, table{ border:4px solid
#14582C }
```

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

```
.border{ border-color:#14582C }
```

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

Here you see how a box with a 4 pixel #14582C colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #14582C; -webkit-box-shadow:4px 4px  
4px 4px #14582C; box-shadow:4px 4px 4px  
4px #14582C }
```

# Background

The CSS property to change the background color of an element to Hex 14582C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#14582C }
```

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

```
.background{ background-color:#14582C }
```

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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