

# Converting Colors

Hex(14521A)

Have a look what the booklet for  
Hex(14521A) contains.

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# Color

**Hex(14521A)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	14521A
RGB	20, 82, 26
RGB Percent	8%, 32%, 10%
CMY	0.9216, 0.6784, 0.8980
CMYK	0.76, 0.00, 0.68, 0.68
HSL	126°, 61%, 20%
HSV	126°, 76%, 32%
XYZ	3.4922, 6.2579, 2.0011
YIQ	57.0780, -18.9760, -30.5600

# Conversions

## Conversions Part 2

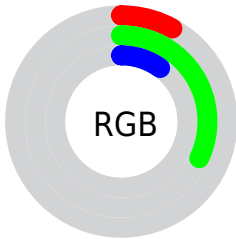
<b>Format</b>	<b>Color</b>
<b>R<sub>Y</sub>B</b>	20, 77, 82
Decimal	1331738
CIE Lab	30.05, -32.29, 26.62
CIE LCh	30, 41.847, 140.490
Yxy	6.2579, 0.2972, 0.5325
Android (android.graphics.Color)	4279521818 (0xFF14521A)
YUV	57.0780, -15.3215, -32.5174
Hunter-Lab	25.0158, -18.8588, 12.7682

# Details

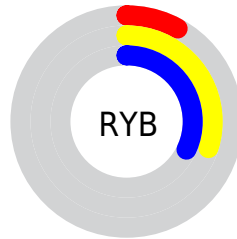
The Hex color **14521A** is a dark color, and the websafe version is hex **336633**. A complement of this color would be **52144C**, and the grayscale version is **393939**.

A 20% lighter version of the original color is **498448**, and **002500** is the 20% darker color. If you saturate the color by 10%, you get **0C5213**, and if you desaturate by 10%, it is **1C5221**.

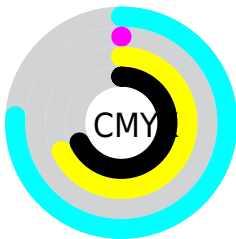
# Distribution



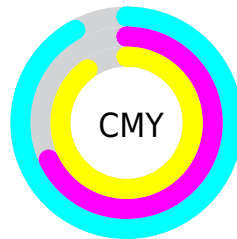
- Red (8%)
- Green (32%)
- Blue (10%)



- Red (8%)
- Yellow (30%)
- Blue (32%)



- Cyan (76%)
- Magenta (0%)
- Yellow (68%)
- Black (68%)



- Cyan (92%)
- Magenta (68%)
- Yellow (90%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 14521A 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 14521A by changing the saturation by 10% instead.



 14521A

 14521A

FFFFFF

 003A02

 498448

 002500

 639F60

 000000

 7DBA79

 98D694

 B4F2AE

 D0FFCA

 EDFFE6

 14521A

 14521A

■ 0C5213

■ 1C5221

■ 04520B

■ 245229

■ 005208

■ 2D5230

■ 355238

■ 3D523F

■ 455246

■ 4D524E

■ 565255

■ 5E525D

# Harmonies

## Analogous

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



414C00



14521A



00553B

# Triad

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



14521A



004E87



802732

# Complementary

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



14521A



52144C

# 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.



7C2653



14521A



304384

# Square

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



14521A



005479



633371



753414

# Rectangle

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



14521A



005652



633371



81243D



# Sweetspot

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



14521A



526B55



4D5214



273628



B5B5B5



363636



# Same Dimension

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



14521A



0A6B13



145238



252925



00690A



00E816



# Inverse Universe

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



52144C



6B0A62



52142E



292528



69005E

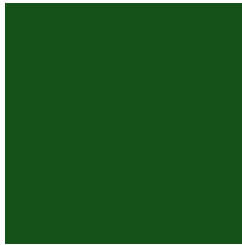


E800D2



# Previews

## White Background



This preview shows how the Hex color 14521A looks on a white background.

## Color Contrast Check

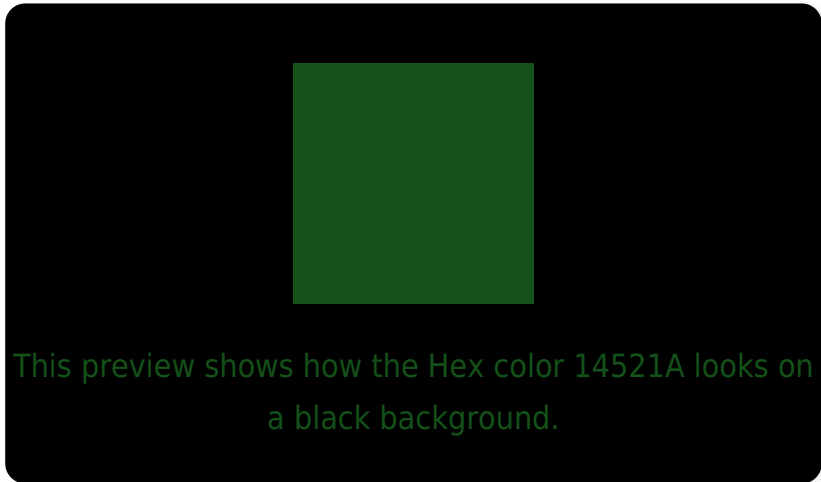
Large Text (above 18pt) WCAG AA ✓ Pass

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

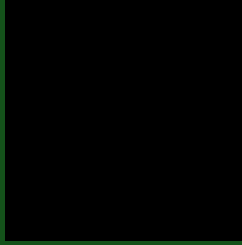
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 14521A Background



This preview shows how black text looks on a background with the Hex color 14521A.



This preview shows how white text looks on a background with the Hex color 14521A.

# 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**  
14521A

**Protanopia**  
4F4717

**Deuteranopia**  
58431F



**Tritanopia**  
264D53

# Trichromacy



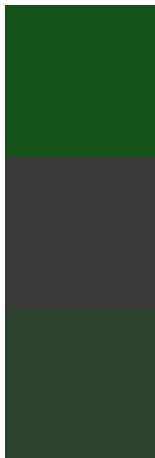
**Original Color**  
14521A

**Protanomaly**  
3A4B18

**Deuteranomaly**  
3F481D

**Tritanomaly**  
1F4F3E

# Monochromacy



**Original Color**  
14521A

**Achromatopsia**  
393939

**Achromatomaly**  
2C422E

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 14521A 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 #14521A looks like.

```
.text, #text, p{  
    color:#14521A  
}
```

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 #14521A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #14521A
}
```

## Border

The CSS property to change the border of an element to Hex 14521A 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".

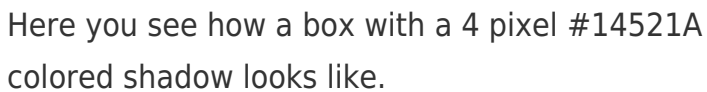
```
.border, #border, table{ border:4px solid
#14521A }
```

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

```
.border{ border-color:#14521A }
```

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

Here you see how a box with a 4 pixel #14521A colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #14521A; -webkit-box-shadow:4px 4px  
4px 4px #14521A; box-shadow:4px 4px 4px  
4px #14521A }
```

# Background

The CSS property to change the background color of an element to Hex 14521A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#14521A }
```

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

```
.background{ background-color:#14521A }
```

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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