

Converting Colors

Hex(14512E)

Have a look what the booklet for
Hex(14512E) contains.

Hex(14512E)	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(14512E)

Conversions

Conversions Part 1

Format	Color
Hex	14512E
RGB	20, 81, 46
RGB Percent	8%, 32%, 18%
CMY	0.9216, 0.6824, 0.8196
CMYK	0.75, 0.00, 0.43, 0.68
HSL	146°, 60%, 20%
HSV	146°, 75%, 32%
XYZ	3.7241, 6.2308, 3.5912
YIQ	58.7710, -25.1210, -23.8170

Conversions

Conversions Part 2

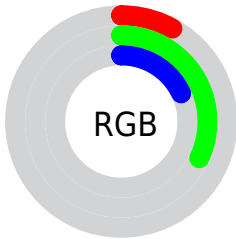
Format	Color
R_{YB}	20, 63, 81
Decimal	1331502
CIE _{Lab}	29.99, -28.40, 15.15
CIE _{LCh}	30, 32.188, 151.922
Yxy	6.2308, 0.2749, 0.4600
Android (android.graphics.Color)	4279521582 (0xFF14512E)
YUV	58.7710, -6.2961, -34.0022
Hunter-Lab	24.9616, -17.0522, 8.9433

Details

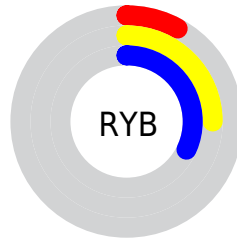
The Hex color **14512E** is a dark color, and the websafe version is hex **336633**. A complement of this color would be **511437**, and the grayscale version is **3B3B3B**.

A 20% lighter version of the original color is **48835C**, and **002400** is the 20% darker color. If you saturate the color by 10%, you get **0C5129**, and if you desaturate by 10%, it is **1C5133**.

Distribution



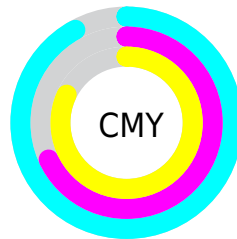
- Red (8%)
- Green (32%)
- Blue (18%)



- Red (8%)
- Yellow (25%)
- Blue (32%)



- Cyan (75%)
- Magenta (0%)
- Yellow (43%)
- Black (68%)



- Cyan (92%)
- Magenta (68%)
- Yellow (82%)

Brightness & Saturation Gradients

These gradients show how the Hex color 14512E 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 14512E by changing the saturation by 10% instead.



14512E



14512E

FFFFFF



003919



48835C



002400



629D75



000000



7CB88F



97D4A9



B2F1C4



CEFFE0



EBFFFD



14512E



14512E

■ 0C5129

■ 1C5133

■ 045125

■ 245137

■ 005123

■ 2C513C

■ 345141

■ 3D5145

■ 45514A

■ 4D514F

■ 555153

■ 5D5158

Harmonies

Analogous

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



394D19



14512E



005348

Triad

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



14512E



104979



73332E

Complementary

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



14512E



511437

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.



743046



14512E



4A3F71

Square

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



14512E



004F72



66355F



673D1A

Rectangle

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



14512E



005359



66355F



743135

Sweetspot

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



14512E



51695B



385114



27362D



B5B5B5



363636

Same Dimension

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



14512E



0A6933



14514C



252926



00692D



00E863

Inverse Universe

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



511437



690A40



511419



292527



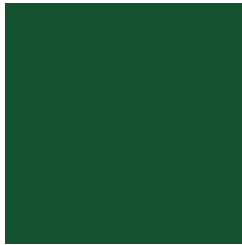
69003C



E80085

Previews

White Background



This preview shows how the Hex color 14512E looks on a white background.

Color Contrast Check

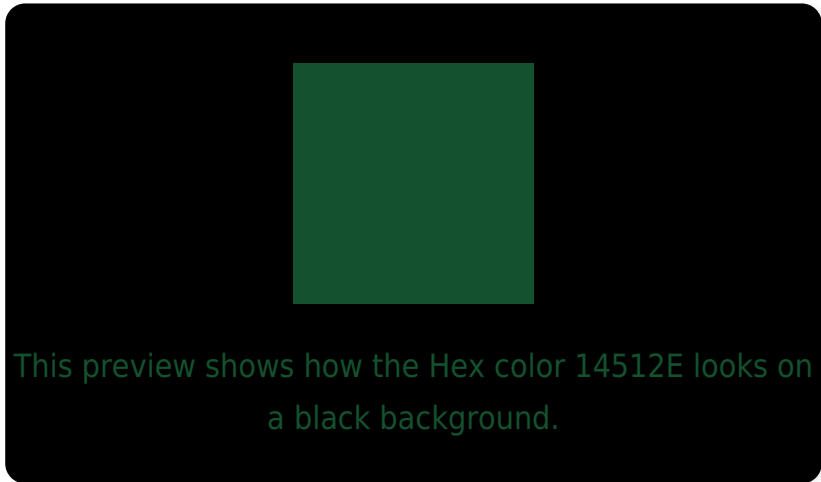
Large Text (above 18pt) WCAG AA ✓ Pass

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

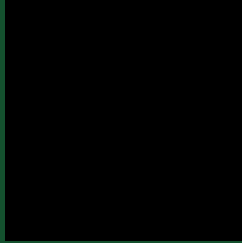
Any Text WCAG AA × Fail

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 14512E Background



This preview shows how black text looks on a background with the Hex color 14512E.



This preview shows how white text looks on a background with the Hex color 14512E.

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
14512E

Protanopia
4D472A

Deuteranopia
544331



Tritanopia
234D53

Trichromacy



Original Color
14512E

Protanomaly
384B2B

Deuteranomaly
3D4830

Tritanomaly
1E4E46

Monochromacy



Original Color
14512E

Achromatopsia
3B3B3B

Achromatomaly
2D4336

CSS Examples

Text

The CSS property to change the color of the text to Hex 14512E 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 #14512E looks like.

```
.text, #text, p{  
    color:#14512E  
}
```

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 #14512E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #14512E
}
```

Border

The CSS property to change the border of an element to Hex 14512E 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
#14512E }
```

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

```
.border{ border-color:#14512E }
```

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

Here you see how a box with a 4 pixel #14512E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #14512E; -webkit-box-shadow:4px 4px  
4px 4px #14512E; box-shadow:4px 4px 4px  
4px #14512E }
```

Background

The CSS property to change the background color of an element to Hex 14512E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#14512E }
```

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

```
.background{ background-color:#14512E }
```

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