

Converting Colors

Hex(14523D)

Have a look what the booklet for
Hex(14523D) contains.

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Color

Hex(14523D)

Conversions

Conversions Part 1

Format	Color
Hex	14523D
RGB	20, 82, 61
RGB Percent	8%, 32%, 24%
CMY	0.9216, 0.6784, 0.7608
CMYK	0.76, 0.00, 0.26, 0.68
HSL	160°, 61%, 20%
HSV	160°, 76%, 32%
XYZ	4.1481, 6.5202, 5.4548
YIQ	61.0680, -30.2110, -19.6750

Conversions

Conversions Part 2

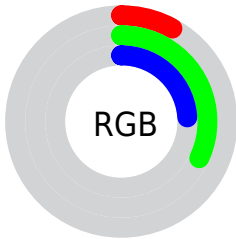
Format	Color
R_{YB}	20, 57, 82
Decimal	1331773
CIE _{Lab}	30.69, -25.21, 6.77
CIE _{LCh}	31, 26.100, 164.968
Yxy	6.5202, 0.2573, 0.4044
Android (android.graphics.Color)	4279521853 (0xFF14523D)
YUV	61.0680, -0.0335, -36.0166
Hunter-Lab	25.5347, -15.6887, 5.2087

Details

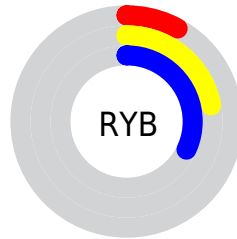
The Hex color **14523D** is a dark color, and the websafe version is hex **006666**. A complement of this color would be **521429**, and the grayscale version is **3D3D3D**.

A 20% lighter version of the original color is **49846C**, and **002513** is the 20% darker color. If you saturate the color by 10%, you get **0C523A**, and if you desaturate by 10%, it is **1C5240**.

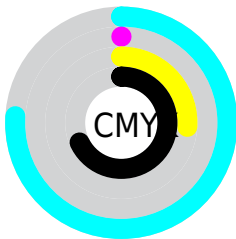
Distribution



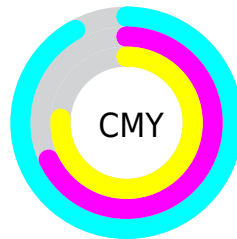
- Red (8%)
- Green (32%)
- Blue (24%)



- Red (8%)
- Yellow (22%)
- Blue (32%)



- Cyan (76%)
- Magenta (0%)
- Yellow (26%)
- Black (68%)



- Cyan (92%)
- Magenta (68%)
- Yellow (76%)

Brightness & Saturation Gradients

These gradients show how the Hex color 14523D 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 14523D by changing the saturation by 10% instead.

 14523D

 14523D

FFFFFF

 003B27

 49846C

 002513

 629E86

 000500

 7DB9A0

 000000

 97D5BB

 B3F2D7

 CFFFF3

 ECFE99

 14523D

 14523D

■ 0C523A

■ 1C5240

■ 045237

■ 245243

■ 005236

■ 2D5245

■ 355248

■ 3D524B

■ 45524E

■ 4D5250

■ 565253

■ 5E5256

Harmonies

Analogous

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



344F2A



14523D



005352

Triad

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



14523D



39476F



6A3C2C

Complementary

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



14523D



521429

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.



6F383F



14523D



573F65

Square

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



14523D



034D6F



693953



5D4321

Rectangle

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



14523D



00525F



693953



6D3A32

Sweetspot

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



14523D



526B63



2A5214



273630



B5B5B5



363636

Same Dimension

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



14523D



0A6B4A



144952



252927



006945



00E899

Inverse Universe

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



521429



6B0A2B



521D14



292526



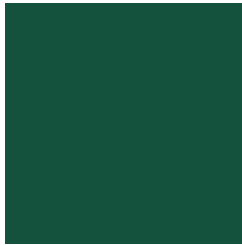
690023



E8004F

Previews

White Background



This preview shows how the Hex color 14523D looks on a white background.

Color Contrast Check

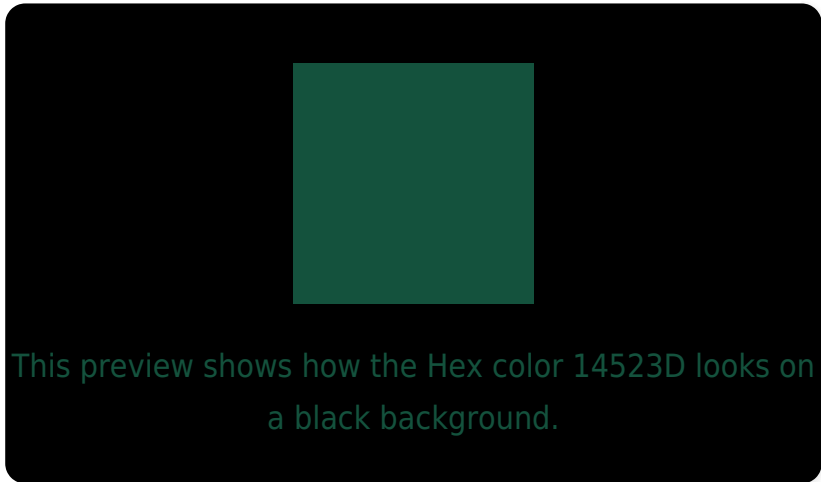
Large Text (above 18pt) WCAG AA ✓ Pass

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

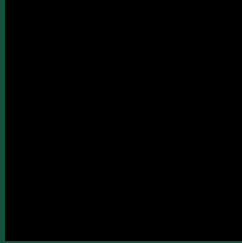
Any Text WCAG AA × Fail

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 14523D Background



This preview shows how black text looks on a background with the Hex color 14523D.



This preview shows how white text looks on a background with the Hex color 14523D.

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
14523D

Protanopia
4D4838

Deuteranopia
524540



Tritanopia
204F55

Trichromacy



Original Color
14523D

Protanomaly
384C3A

Deuteranomaly
3B4A3F

Tritanomaly
1C504C

Monochromacy



Original Color
14523D

Achromatopsia
3D3D3D

Achromatomaly
2E453D

CSS Examples

Text

The CSS property to change the color of the text to Hex 14523D 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 #14523D looks like.

```
.text, #text, p{  
    color:#14523D  
}
```

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 #14523D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #14523D
}
```

Border

The CSS property to change the border of an element to Hex 14523D 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".

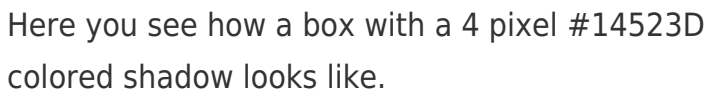
```
.border, #border, table{ border:4px solid
#14523D }
```

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

```
.border{ border-color:#14523D }
```

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

Here you see how a box with a 4 pixel #14523D colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #14523D; -webkit-box-shadow:4px 4px  
4px 4px #14523D; box-shadow:4px 4px 4px  
4px #14523D }
```

Background

The CSS property to change the background color of an element to Hex 14523D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#14523D }
```

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

```
.background{ background-color:#14523D }
```

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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