

Converting Colors

Hex(14735C)

Have a look what the booklet for
Hex(14735C) contains.

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Color

Hex(14735C)

Conversions

Conversions Part 1

Format	Color
Hex	14735C
RGB	20, 115, 92
RGB Percent	8%, 45%, 36%
CMY	0.9216, 0.5490, 0.6392
CMYK	0.83, 0.00, 0.20, 0.55
HSL	165°, 70%, 26%
HSV	165°, 83%, 45%
XYZ	8.3510, 13.1829, 12.2296
YIQ	83.9730, -49.2370, -27.2930

Conversions

Conversions Part 2

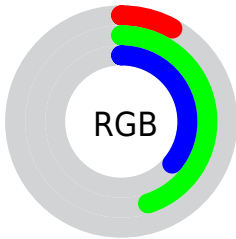
Format	Color
RYB	20, 74, 115
Decimal	1340252
CIELab	43.04, -32.19, 5.29
CIELCh	43, 32.623, 170.665
Yxy	13.1829, 0.2473, 0.3904
Android (android.graphics.Color)	4279530332 (0xFF14735C)
YUV	83.9730, 3.9573, -56.1043
Hunter-Lab	36.3083, -22.4840, 5.4453

Details

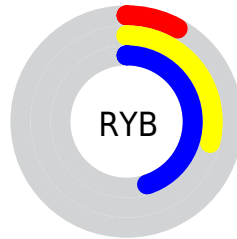
The Hex color **14735C** is a dark color, and the websafe version is hex **006666**. A complement of this color would be **73142B**, and the grayscale version is **545454**.

A 20% lighter version of the original color is **52A88E**, and **00422E** is the 20% darker color. If you saturate the color by 10%, you get **097359**, and if you desaturate by 10%, it is **20735F**.

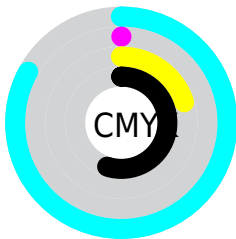
Distribution



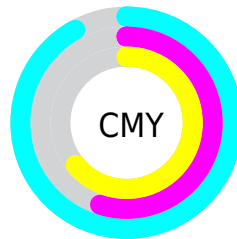
- Red (8%)
- Green (45%)
- Blue (36%)



- Red (8%)
- Yellow (29%)
- Blue (45%)



- Cyan (83%)
- Magenta (0%)
- Yellow (20%)
- Black (55%)



- Cyan (92%)
- Magenta (55%)
- Yellow (64%)

Brightness & Saturation Gradients

These gradients show how the Hex color 14735C 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 14735C by changing the saturation by 10% instead.

 14735C

 14735C

FFFFFF

 005A44

 52A88E

 00422E

 6EC3A9

 002B1A

 89DFC4

 001300

 A5FCE0

 000000

 C2FFFC

 DFFFFFF

 FFFFFFF

 14735C

 14735C

■ 097359

■ 20735F

■ 007357

■ 2B7362

■ 377364

■ 427367

■ 4E736A

■ 59736D

■ 65736F

■ 707372

■ 7C7375

Harmonies

Analogous

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



447042



14735C



007378

Triad

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



14735C



5B6298



90573D

Complementary

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



14735C



73142B

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.



995054



14735C



7F5888

Square

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



14735C



216B9B



94506F



7D6130

Rectangle

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



14735C



007288



94506F



945544

Sweetspot

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



14735C



71968D



2C7314



364D47



CCCCCC



4D4D4D

Same Dimension

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



14735C



029672



145B73



353B39



007A5D



00FABD

Inverse Universe

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



73142B



960226



732C14



3B3536



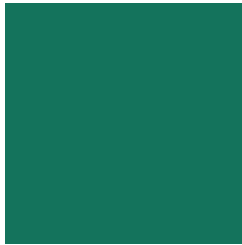
7A001E



FA003D

Previews

White Background



This preview shows how the Hex color 14735C looks on a white background.

Color Contrast Check

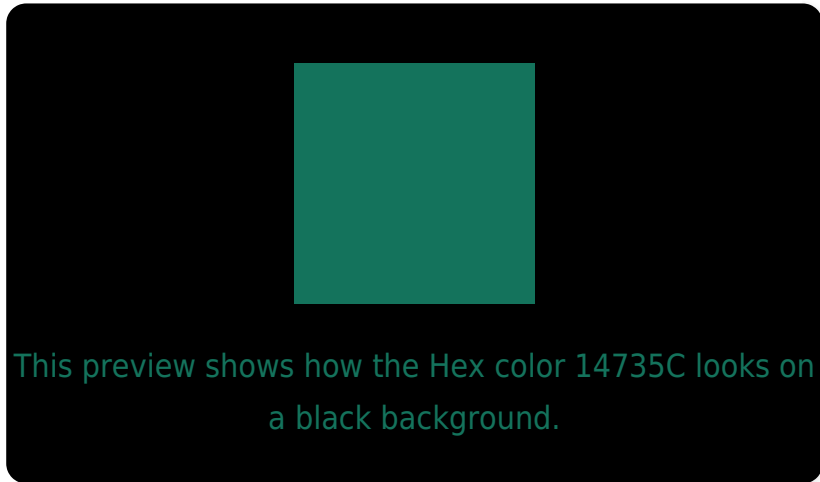
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

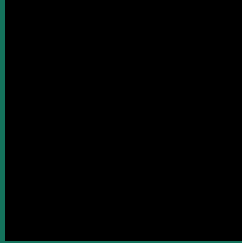
Any Text WCAG AA × Fail

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 14735C Background



This preview shows how black text looks on a background with the Hex color 14735C.

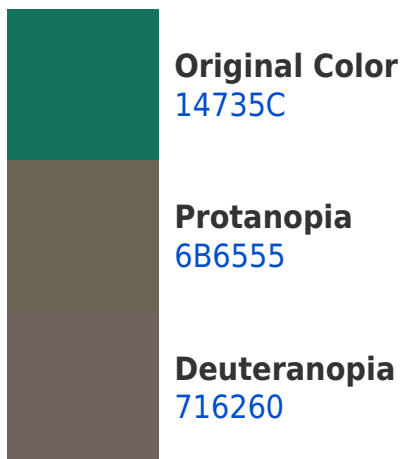


This preview shows how white text looks on a background with the Hex color 14735C.

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





Tritanopia
276F78

Trichromacy



Original Color
14735C

Protanomaly
4B6A58

Deuteranomaly
4F685F

Tritanomaly
20706E

Monochromacy



Original Color
14735C

Achromatopsia
545454

Achromatomaly
3D5F57

CSS Examples

Text

The CSS property to change the color of the text to Hex 14735C 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 #14735C looks like.

```
.text, #text, p{  
    color:#14735C  
}
```

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 #14735C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #14735C
}
```

Border

The CSS property to change the border of an element to Hex 14735C 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
#14735C }
```

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

```
.border{ border-color:#14735C }
```

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

Here you see how a box with a 4 pixel #14735C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #14735C; -webkit-box-shadow:4px 4px  
4px 4px #14735C; box-shadow:4px 4px 4px  
4px #14735C }
```

Background

The CSS property to change the background color of an element to Hex 14735C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#14735C }
```

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

```
.background{ background-color:#14735C }
```

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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