

Converting Colors

Hex(14517C)

Have a look what the booklet for
Hex(14517C) contains.

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Color

Hex(14517C)

Conversions

Conversions Part 1

Format	Color
Hex	14517C
RGB	20, 81, 124
RGB Percent	8%, 32%, 49%
CMY	0.9216, 0.6824, 0.5137
CMYK	0.84, 0.35, 0.00, 0.51
HSL	205°, 72%, 28%
HSV	205°, 84%, 49%
XYZ	6.8690, 7.4888, 20.1522
YIQ	67.6630, -50.1590, 0.4410

Conversions

Conversions Part 2

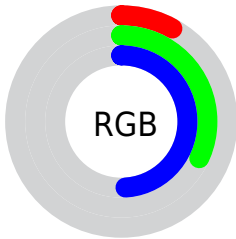
Format	Color
RYB	20, 58, 124
Decimal	1331580
CIELab	32.89, -2.49, -29.68
CIElCh	33, 29.780, 265.212
Yxy	7.4888, 0.1990, 0.2170
Android (android.graphics.Color)	4279521660 (0xFF14517C)
YUV	67.6630, 27.7741, -41.8005
Hunter-Lab	27.3657, -3.0851, -24.5054

Details

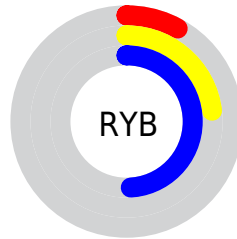
The Hex color **14517C** is a dark color, and the websafe version is hex **006699**. A complement of this color would be **7C3F14**, and the grayscale version is **434343**.

A 20% lighter version of the original color is **5282B1**, and **00254B** is the 20% darker color. If you saturate the color by 10%, you get **084C7C**, and if you desaturate by 10%, it is **20567C**.

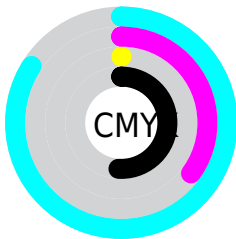
Distribution



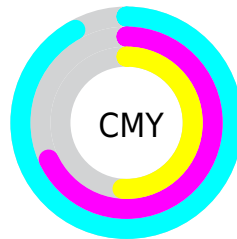
- Red (8%)
- Green (32%)
- Blue (49%)



- Red (8%)
- Yellow (23%)
- Blue (49%)



- Cyan (84%)
- Magenta (35%)
- Yellow (0%)
- Black (51%)



- Cyan (92%)
- Magenta (68%)
- Yellow (51%)

Brightness & Saturation Gradients

These gradients show how the Hex color 14517C 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 14517C by changing the saturation by 10% instead.

■ 14517C

■ 14517C

FFFFFF

■ 003A63

■ 5282B1

■ 00254B

■ 6E9CCC

■ 001034

■ 89B7E9

■ 00021E

■ A5D2FF

■ 000000

■ C2EFFF

■ DFFFFF

■ FFFFFFFF

■ 14517C

■ 14517C

■ 084C7C

■ 20567C

■ 00497C

■ 2D5B7C

■ 39607C

■ 46667C

■ 526B7C

■ 5E707C

■ 6B757C

■ 777A7C

■ 847F7C

Harmonies

Analogous

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



005673



14517C



494978

Triad

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



14517C



793B3B



2A5732

Complementary

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



14517C



7C3F14

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.



475221



14517C



704227

Square

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



14517C



773A52



5E4B1D



005949

Rectangle

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



14517C



5E426F



5E4B1D



35552B

Sweetspot

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



14517C



7890A1



147C3E



394752



D1D1D1



525252

Same Dimension

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



14517C



005EA1



141E7C



373B3D



00497D



0094FC

Inverse Universe

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



7C1451



A1005E



7C7214



3D373B



7D0049



FC0094

Previews

White Background



This preview shows how the Hex color 14517C looks on a white background.

Color Contrast Check

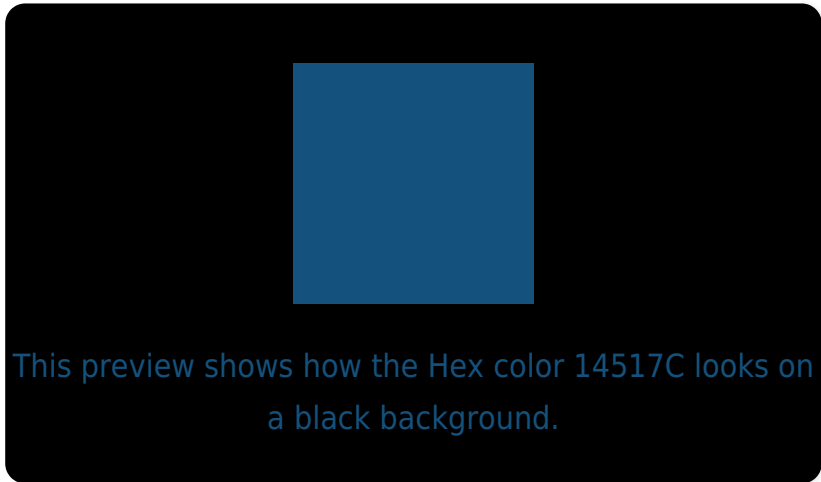
Large Text (above 18pt) WCAG AA ✓ Pass

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

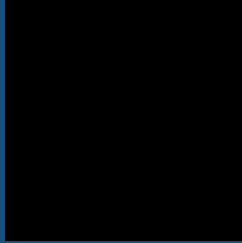
Any Text WCAG AA × Fail

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 14517C Background



This preview shows how black text looks on a background with the Hex color 14517C.



This preview shows how white text looks on a background with the Hex color 14517C.

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
14517C

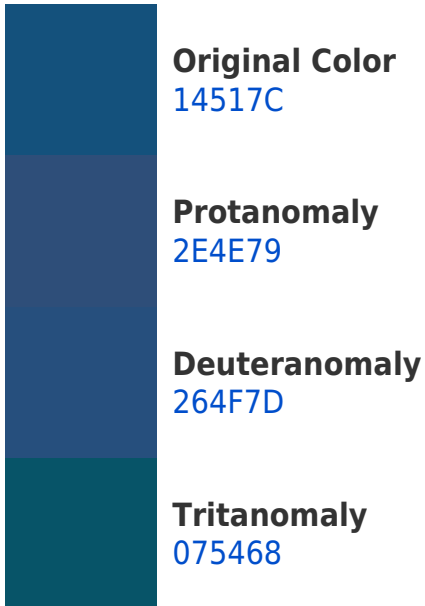
Protanopia
3D4C77

Deuteranopia
314E7D



Tritanopia
00565C

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 14517C 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 #14517C looks like.

```
.text, #text, p{  
    color:#14517C  
}
```

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 #14517C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #14517C
}
```

Border

The CSS property to change the border of an element to Hex 14517C 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".

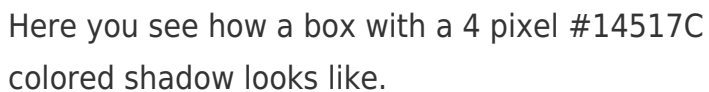
```
.border, #border, table{ border:4px solid
#14517C }
```

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

```
.border{ border-color:#14517C }
```

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

Here you see how a box with a 4 pixel #14517C colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #14517C; -webkit-box-shadow:4px 4px  
4px 4px #14517C; box-shadow:4px 4px 4px  
4px #14517C }
```

Background

The CSS property to change the background color of an element to Hex 14517C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#14517C }
```

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

```
.background{ background-color:#14517C }
```

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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