

Converting Colors

Hex(145C54)

Have a look what the booklet for
Hex(145C54) contains.

Hex(145C54)	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(145C54)

Conversions

Conversions Part 1

Format	Color
Hex	145C54
RGB	20, 92, 84
RGB Percent	8%, 36%, 33%
CMY	0.9216, 0.6392, 0.6706
CMYK	0.78, 0.00, 0.09, 0.64
HSL	173°, 64%, 22%
HSV	173°, 78%, 36%
XYZ	5.7159, 8.4431, 9.7159
YIQ	69.5600, -40.3440, -17.7520

Conversions

Conversions Part 2

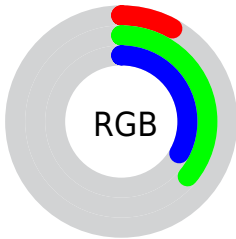
Format	Color
R _Y B	20, 58, 92
Decimal	1334356
CIE Lab	34.89, -23.46, -1.63
CIE LCh	35, 23.514, 183.982
Yxy	8.4431, 0.2394, 0.3536
Android (android.graphics.Color)	4279524436 (0xFF145C54)
YUV	69.5600, 7.1189, -43.4641
Hunter-Lab	29.0570, -15.7367, 0.5149

Details

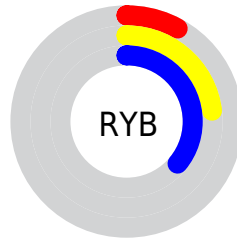
The Hex color **145C54** is a dark color, and the websafe version is hex **006666**. A complement of this color would be **5C141C**, and the grayscale version is **464646**.

A 20% lighter version of the original color is **4D8F85**, and **002D27** is the 20% darker color. If you saturate the color by 10%, you get **0B5C53**, and if you desaturate by 10%, it is **1D5C55**.

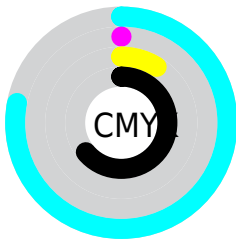
Distribution



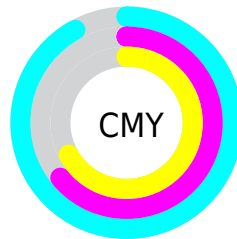
- Red (8%)
- Green (36%)
- Blue (33%)



- Red (8%)
- Yellow (23%)
- Blue (36%)



- Cyan (78%)
- Magenta (0%)
- Yellow (9%)
- Black (64%)



- Cyan (92%)
- Magenta (64%)
- Yellow (67%)

Brightness & Saturation Gradients

These gradients show how the Hex color 145C54 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 145C54 by changing the saturation by 10% instead.



145C54



145C54

FFFFFF



00443D



4D8F85



002D27



67A9A0



001A13



82C5BB



000000



9DE1D6



B9FEF3



D5FFFF



F2FFFF



145C54



145C54

■ 0B5C53

■ 1D5C55

■ 025C52

■ 265C56

■ 005C52

■ 305C57

■ 395C58

■ 425C59

■ 4B5C5A

■ 545C5B

■ 5E5C5C

■ 675C5D

Harmonies

Analogous

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



315B41



145C54



005B66

Triad

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



145C54



574C71



6C4B31

Complementary

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



145C54



5C141C

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.



75453E



145C54



6C4663

Square

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



145C54



3A5377



764350



5C522C

Rectangle

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



145C54



055A70



764350



704934

Sweetspot

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



145C54



5C7875



1C5C14



2C3D3B



BDBDBD



3D3D3D

Same Dimension

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



145C54



07786B



14405C



292E2D



006E61



00EDD3

Inverse Universe

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



5C141C



780714



5C3014



2E292A



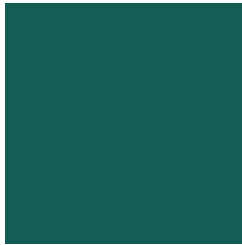
6E000C



ED001A

Previews

White Background



This preview shows how the Hex color 145C54 looks on a white background.

Color Contrast Check

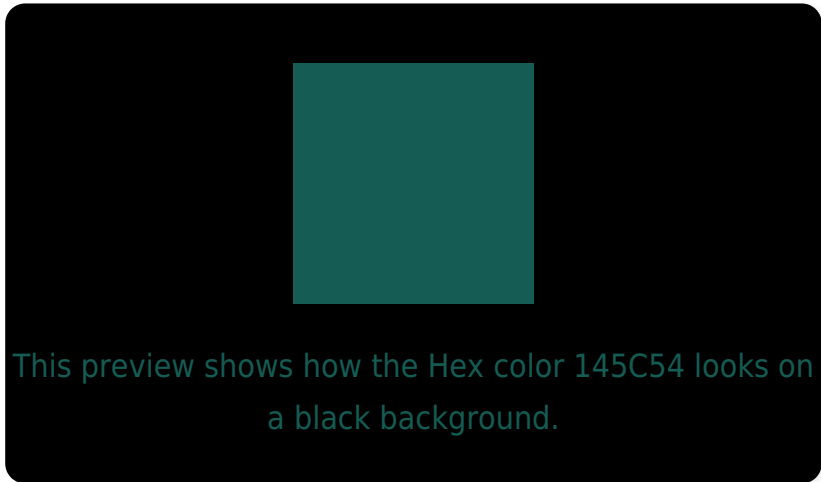
Large Text (above 18pt) WCAG AA ✓ Pass

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

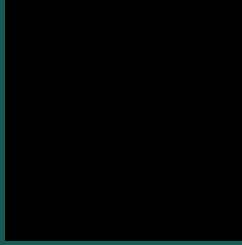
Any Text WCAG AA × Fail

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 145C54 Background



This preview shows how black text looks on a background with the Hex color 145C54.

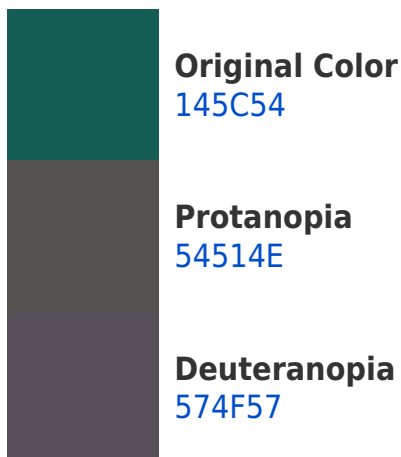



This preview shows how white text looks on a background with the Hex color 145C54.

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](#).

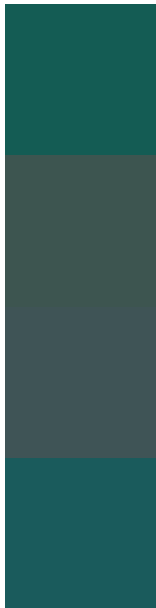
Dichromacy





Tritanopia
1D5A61

Trichromacy



Original Color
145C54

Protanomaly
3D5550

Deuteranomaly
3F5456

Tritanomaly
1A5B5C

Monochromacy



Original Color
145C54

Achromatopsia
464646

Achromatomaly
344E4B

CSS Examples

Text

The CSS property to change the color of the text to Hex 145C54 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 #145C54 looks like.

```
.text, #text, p{  
    color:#145C54  
}
```

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 #145C54 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #145C54
}
```

Border

The CSS property to change the border of an element to Hex 145C54 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
#145C54 }
```

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

```
.border{ border-color:#145C54 }
```

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

Here you see how a box with a 4 pixel #145C54 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #145C54; -webkit-box-shadow:4px 4px  
4px 4px #145C54; box-shadow:4px 4px 4px  
4px #145C54 }
```

Background

The CSS property to change the background color of an element to Hex 145C54 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#145C54 }
```

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

```
.background{ background-color:#145C54 }
```

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