

Converting Colors

Hex(145249)

Have a look what the booklet for
Hex(145249) contains.

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Color

Hex(145249)

Conversions

Conversions Part 1

Format	Color
Hex	145249
RGB	20, 82, 73
RGB Percent	8%, 32%, 29%
CMY	0.9216, 0.6784, 0.7137
CMYK	0.76, 0.00, 0.11, 0.68
HSL	171°, 61%, 20%
HSV	171°, 76%, 32%
XYZ	4.5084, 6.6643, 7.3521
YIQ	62.4360, -34.0630, -15.9430

Conversions

Conversions Part 2

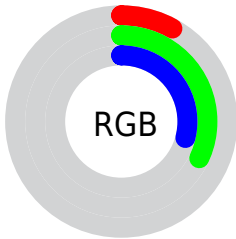
Format	Color
RYB	20, 53, 82
Decimal	1331785
CIELab	31.03, -21.72, -0.35
CIElCh	31, 21.725, 180.936
Yxy	6.6643, 0.2434, 0.3598
Android (android.graphics.Color)	4279521865 (0xFF145249)
YUV	62.4360, 5.2081, -37.2164
Hunter-Lab	25.8154, -14.0038, 1.1854

Details

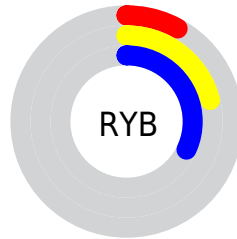
The Hex color **145249** is a dark color, and the websafe version is hex **006666**. A complement of this color would be **52141D**, and the grayscale version is **3E3E3E**.

A 20% lighter version of the original color is **4A8479**, and **00251E** is the 20% darker color. If you saturate the color by 10%, you get **0C5248**, and if you desaturate by 10%, it is **1C524A**.

Distribution



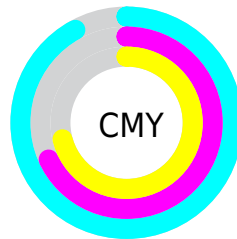
- Red (8%)
- Green (32%)
- Blue (29%)



- Red (8%)
- Yellow (21%)
- Blue (32%)



- Cyan (76%)
- Magenta (0%)
- Yellow (11%)
- Black (68%)



- Cyan (92%)
- Magenta (68%)
- Yellow (71%)

Brightness & Saturation Gradients

These gradients show how the Hex color 145249 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 145249 by changing the saturation by 10% instead.

 145249

 145249

FFFFFF

 003B33

 4A8479

 00251E

 639E93

 000704

 7EB9AE

 000000

 99D5C9

 B4F1E5

 D0FFFF

 EDFFFF

 145249

 145249

■ 0C5248

■ 1C524A

■ 045247

■ 24524B

■ 005246

■ 2D524D

■ 35524E

■ 3D524F

■ 455250

■ 4D5251

■ 565253

■ 5E5254

Harmonies

Analogous

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



2D5138



145249



00525A

Triad

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



145249



4C4466



61422C

Complementary

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



145249



52141D

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.



693D38



145249



5F3F5A

Square

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



145249



314B6B



693C49



534827

Rectangle

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



145249



015063



693C49



65402F

Sweetspot

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



145249



526B68



1D5214



273633



B5B5B5



363636

Same Dimension

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



145249



0A6B5D



143C52



252928



006959



00E8C6

Inverse Universe

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



52141D



6B0A18



522A14



292525



69000F



E80022

Previews

White Background



This preview shows how the Hex color 145249 looks on a white background.

Color Contrast Check

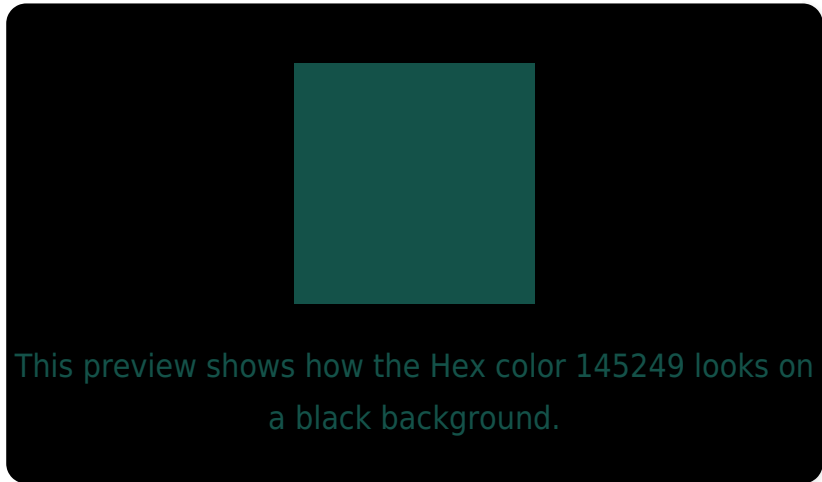
Large Text (above 18pt) WCAG AA ✓ Pass

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

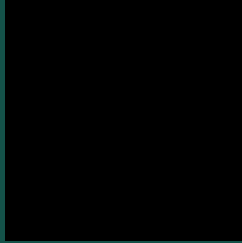
Any Text WCAG AA × Fail

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 145249 Background



This preview shows how black text looks on a background with the Hex color 145249.



This preview shows how white text looks on a background with the Hex color 145249.

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

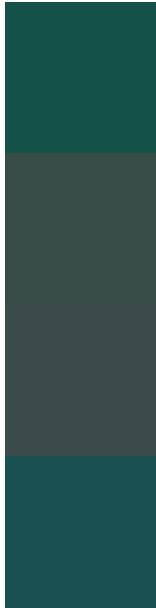


Original Color
145249

Protanopia
4B4944

Deuteranopia
4F474B

Trichromacy



Original Color
145249

Protanomaly
374C46

Deuteranomaly
3A4B4A

Tritanomaly
195152

Monochromacy



Original Color
145249

Achromatopsia
3E3E3E

Achromatomaly
2F4542

CSS Examples

Text

The CSS property to change the color of the text to Hex 145249 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 #145249 looks like.

```
.text, #text, p{  
    color:#145249  
}
```

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 #145249 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #145249
}
```

Border

The CSS property to change the border of an element to Hex 145249 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".

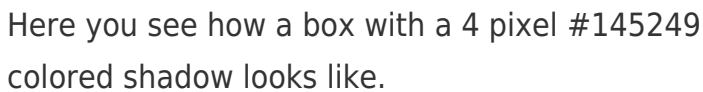
```
.border, #border, table{ border:4px solid
#145249 }
```

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

```
.border{ border-color:#145249 }
```

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

Here you see how a box with a 4 pixel #145249 colored shadow looks like.

A rectangular box with a dark green border and a dark green shadow. The box is white with a thin dark green border on the top and left sides, and a thicker dark green shadow on the bottom and right sides.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #145249; -webkit-box-shadow:4px 4px  
4px 4px #145249; box-shadow:4px 4px 4px  
4px #145249 }
```

Background

The CSS property to change the background color of an element to Hex 145249 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#145249 }
```

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

```
.background{ background-color:#145249 }
```

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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