

Converting Colors

Hex(135D59)

Have a look what the booklet for
Hex(135D59) contains.

Hex(135D59)	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(135D59)

Conversions

Conversions Part 1

Format	Color
Hex	135D59
RGB	19, 93, 89
RGB Percent	7%, 36%, 35%
CMY	0.9255, 0.6353, 0.6510
CMYK	0.80, 0.00, 0.04, 0.64
HSL	177°, 66%, 22%
HSV	177°, 80%, 36%
XYZ	5.9861, 8.6884, 10.8127
YIQ	70.4180, -42.8200, -16.9320

Conversions

Conversions Part 2

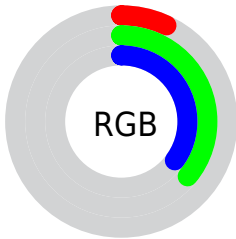
Format	Color
R_{YB}	19, 57, 93
Decimal	1269081
CIE _{Lab}	35.38, -22.52, -4.03
CIE _{LCh}	35, 22.881, 190.157
Yxy	8.6884, 0.2349, 0.3409
Android (android.graphics.Color)	4279459161 (0xFF135D59)
YUV	70.4180, 9.1609, -45.0936
Hunter-Lab	29.4761, -15.3330, -1.1161

Details

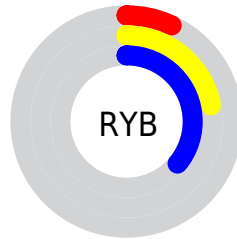
The Hex color **135D59** is a dark color, and the websafe version is hex **006666**. A complement of this color would be **5D1317**, and the grayscale version is **464646**.

A 20% lighter version of the original color is **4D908B**, and **002E2C** is the 20% darker color. If you saturate the color by 10%, you get **0A5D58**, and if you desaturate by 10%, it is **1C5D5A**.

Distribution



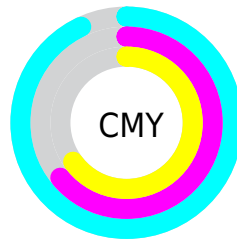
- Red (7%)
- Green (36%)
- Blue (35%)



- Red (7%)
- Yellow (22%)
- Blue (36%)



- Cyan (80%)
- Magenta (0%)
- Yellow (4%)
- Black (64%)



- Cyan (93%)
- Magenta (64%)
- Yellow (65%)

Brightness & Saturation Gradients

These gradients show how the Hex color 135D59 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 135D59 by changing the saturation by 10% instead.



135D59



135D59

FFFFFF



004542



4D908B



002E2C



67AAA5



001C17



82C6C0



000000



9EE2DC



BAFFF9



D6FFFF



F3FFFF



135D59



135D59

■ 0A5D58

■ 1C5D5A

■ 005D58

■ 265D5A

■ 2F5D5B

■ 385D5B

■ 425D5C

■ 4B5D5C

■ 545D5D

■ 5D5D5D

■ 675D5E

Harmonies

Analogous

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



2E5C46



135D59



025C6A

Triad

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



135D59



5D4C6F



6A4E31

Complementary

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



135D59



5D1317

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.



74483D



135D59



6F4760

Square

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



135D59



435377



77454E



59542F

Rectangle

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



135D59



175A72



77454E



6E4C34

Sweetspot

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



135D59



5B7876



185D13



2B3D3C



BDBDBD



3D3D3D

Same Dimension

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



135D59



067872



133D5D



292E2E



006E68



00EDE0

Inverse Universe

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



5D1317



78060C



5D3313



2E292A



6E0006



ED000D

Previews

White Background



This preview shows how the Hex color 135D59 looks on a white background.

Color Contrast Check

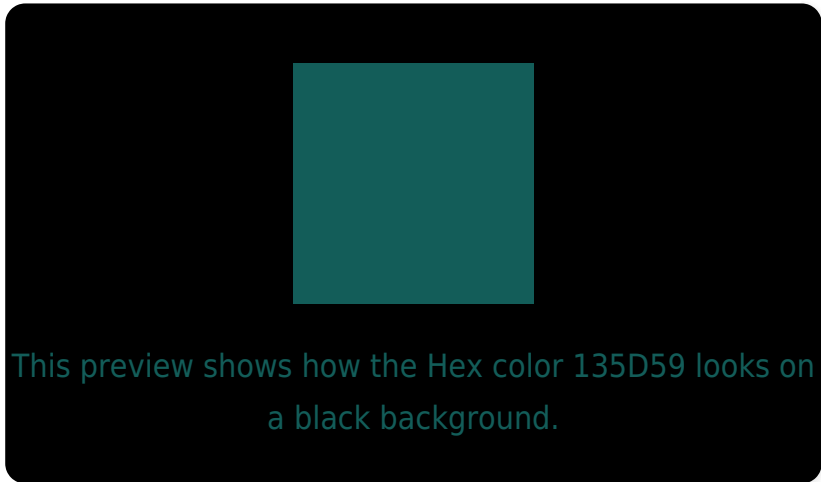
Large Text (above 18pt) WCAG AA ✓ Pass

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

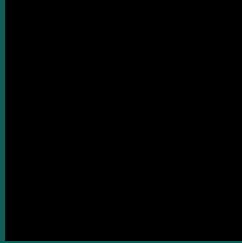
Any Text WCAG AA × Fail

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 135D59 Background



This preview shows how black text looks on a background with the Hex color 135D59.

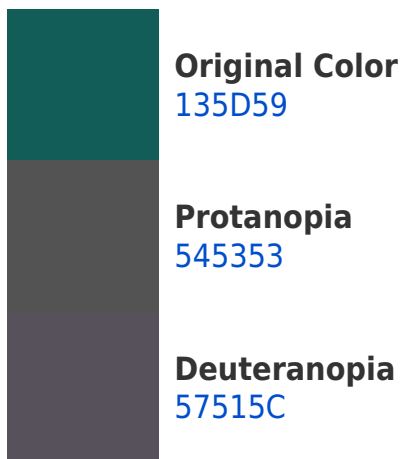



This preview shows how white text looks on a background with the Hex color 135D59.

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](#).

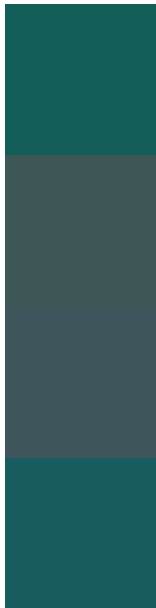
Dichromacy





Tritanopia
1B5C63

Trichromacy



Original Color
135D59

Protanomaly
3C5755

Deuteranomaly
3E555B

Tritanomaly
185C5F

Monochromacy



Original Color
135D59

Achromatopsia
464646

Achromatomaly
334E4D

CSS Examples

Text

The CSS property to change the color of the text to Hex 135D59 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 #135D59 looks like.

```
.text, #text, p{  
    color:#135D59  
}
```

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 #135D59 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #135D59
}
```

Border

The CSS property to change the border of an element to Hex 135D59 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
#135D59 }
```

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

```
.border{ border-color:#135D59 }
```

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

Here you see how a box with a 4 pixel #135D59 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #135D59; -webkit-box-shadow:4px 4px  
4px 4px #135D59; box-shadow:4px 4px 4px  
4px #135D59 }
```

Background

The CSS property to change the background color of an element to Hex 135D59 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#135D59 }
```

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

```
.background{ background-color:#135D59 }
```

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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