

Converting Colors

Hex(1E3859)

Have a look what the booklet for
Hex(1E3859) contains.

| | |
|--|----|
| Hex(1E3859) | 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(1E3859)

Conversions

Conversions Part 1

| Format | Color |
|-------------|---------------------------|
| Hex | 1E3859 |
| RGB | 30, 56, 89 |
| RGB Percent | 12%, 22%, 35% |
| CMY | 0.8824, 0.7804, 0.6510 |
| CMYK | 0.66, 0.37, 0.00, 0.65 |
| HSL | 214°, 50%, 23% |
| HSV | 214°, 66%, 35% |
| XYZ | 3.7528, 3.8256, 9.9918 |
| YIQ | 51.9880, -26.0890, 4.7510 |

Conversions

Conversions Part 2

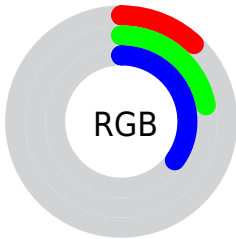
| Format | Color |
|-------------------------------------|-------------------------------|
| RYB | 30, 48, 89 |
| Decimal | 1980505 |
| CIELab | 23.09, 1.78, -22.82 |
| CIElCh | 23, 22.890, 274.465 |
| Yxy | 3.8256, 0.2136, 0.2177 |
| Android (android.graphics.Color) | 4280170585 (0xFF1E3859) |
| YUV | 51.9880, 18.2469, -19.2835 |
| Hunter-Lab | 19.5592, 0.0196, -16.5968 |

Details

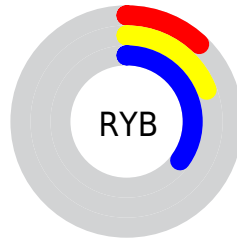
The Hex color **1E3859** is a dark color, and the websafe version is hex **003366**. A complement of this color would be **593F1E**, and the grayscale version is **343434**.

A 20% lighter version of the original color is **50678B**, and **000C2B** is the 20% darker color. If you saturate the color by 10%, you get **153359**, and if you desaturate by 10%, it is **273D59**.

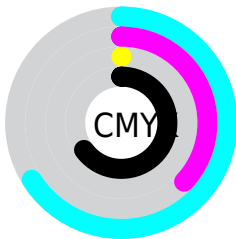
Distribution



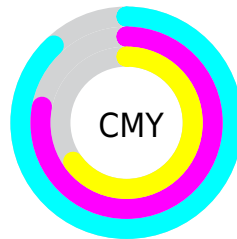
- Red (12%)
- Green (22%)
- Blue (35%)



- Red (12%)
- Yellow (19%)
- Blue (35%)



- Cyan (66%)
- Magenta (37%)
- Yellow (0%)
- Black (65%)



- Cyan (88%)
- Magenta (78%)
- Yellow (65%)

Brightness & Saturation Gradients

These gradients show how the Hex color 1E3859 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 1E3859 by changing the saturation by 10% instead.



1E3859



1E3859

FFFFFF



002341



50678B



000C2B



6A80A6



000116



8499C1



000000



9FB4DD



BAD0F9



D6ECFF



F3FFFF



1E3859



1E3859

■ 153359

■ 273D59

■ 0C2E59

■ 304259

■ 032959

■ 394759

■ 002759

■ 424C59

■ 4B5159

■ 535659

■ 5C5B59

■ 656059

■ 6E6559

Harmonies

Analogous

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



003D56



1E3859



3C3253

Triad

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



1E3859



562B25



163F28

Complementary

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



1E3859



593F1E

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.



2D3C1A



1E3859



4D3118

Square

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



1E3859



572935



3F3714



004039

Rectangle

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



1E3859



492D4B



3F3714



1F3E22

Sweetspot

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



1E3859



5C6673



1E593E



2D333B



BABABA



3B3B3B

Same Dimension

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



1E3859



173F73



211E59



27292B



002F6B



0067EB

Inverse Universe

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



591E38



73173F



56591E



2B2729



6B002F



EB0067

Previews

White Background



This preview shows how the Hex color 1E3859 looks on a white background.

Color Contrast Check

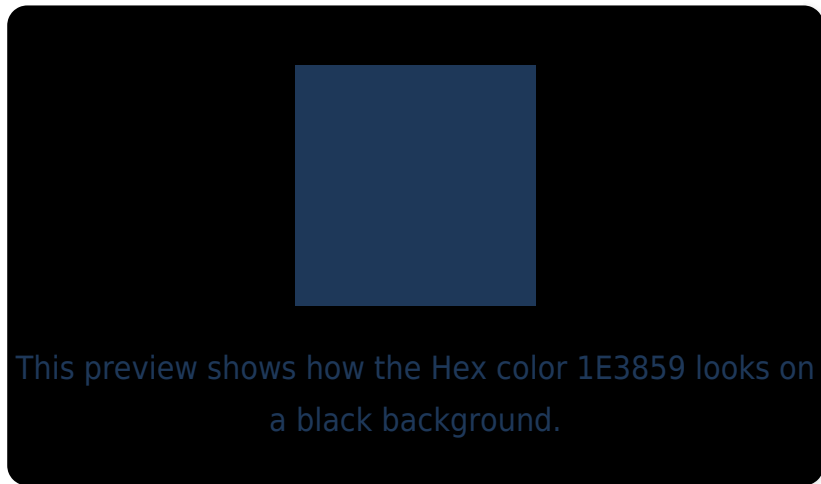
Large Text (above 18pt) WCAG AA ✓ Pass

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

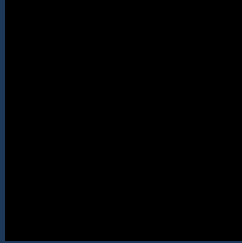
Any Text WCAG AA × Fail

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 1E3859 Background



This preview shows how black text looks on a background with the Hex color 1E3859.



This preview shows how white text looks on a background with the Hex color 1E3859.

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

1E3859

Protanopia

2A3657

Deuteranopia

223759



Tritanopia
0F3D42

Trichromacy



Original Color
1E3859

Protanomaly
263758

Deuteranomaly
213759

Tritanomaly
143B4A

Monochromacy



Original Color
1E3859

Achromatopsia
343434

Achromatomaly
2C3541

CSS Examples

Text

The CSS property to change the color of the text to Hex 1E3859 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 #1E3859 looks like.

```
.text, #text, p{  
    color:#1E3859  
}
```

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 #1E3859 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #1E3859
}
```

Border

The CSS property to change the border of an element to Hex 1E3859 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
#1E3859 }
```

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

```
.border{ border-color:#1E3859 }
```

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

Here you see how a box with a 4 pixel #1E3859 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #1E3859; -webkit-box-shadow:4px 4px  
4px 4px #1E3859; box-shadow:4px 4px 4px  
4px #1E3859 }
```

Background

The CSS property to change the background color of an element to Hex 1E3859 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#1E3859 }
```

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

```
.background{ background-color:#1E3859 }
```

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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