

Converting Colors

Hex(13863D)

Have a look what the booklet for
Hex(13863D) contains.

Hex(13863D)	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(**13863D**)

Conversions

Conversions Part 1

Format	Color
Hex	13863D
RGB	19, 134, 61
RGB Percent	7%, 53%, 24%
CMY	0.9255, 0.4745, 0.7608
CMYK	0.86, 0.00, 0.54, 0.47
HSL	142°, 75%, 30%
HSV	142°, 86%, 53%
XYZ	9.6360, 17.5256, 7.2898
YIQ	91.2930, -45.1070, -47.0830

Conversions

Conversions Part 2

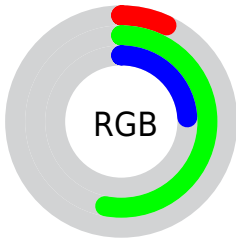
Format	Color
RYB	19, 103, 134
Decimal	1279549
CIELab	48.92, -46.67, 30.71
CIELCh	49, 55.865, 146.650
Yxy	17.5256, 0.2797, 0.5087
Android (android.graphics.Color)	4279469629 (0xFF13863D)
YUV	91.2930, -14.9344, -63.4010
Hunter-Lab	41.8635, -32.1749, 18.9802

Details

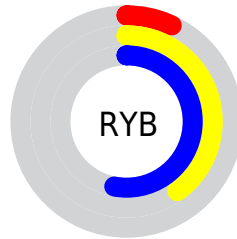
The Hex color **13863D** is a dark color, and the websafe version is hex **339933**. A complement of this color would be **86135C**, and the grayscale version is **5B5B5B**.

A 20% lighter version of the original color is **57BC6E**, and **00530D** is the 20% darker color. If you saturate the color by 10%, you get **068634**, and if you desaturate by 10%, it is **208646**.

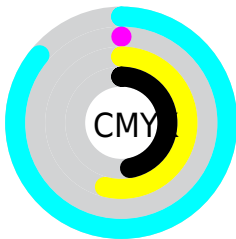
Distribution



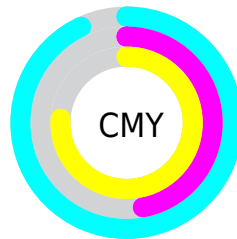
- Red (7%)
- Green (53%)
- Blue (24%)



- Red (7%)
- Yellow (40%)
- Blue (53%)



- Cyan (86%)
- Magenta (0%)
- Yellow (54%)
- Black (47%)



- Cyan (93%)
- Magenta (47%)
- Yellow (76%)

Brightness & Saturation Gradients

These gradients show how the Hex color 13863D 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 13863D by changing the saturation by 10% instead.

 13863D

 13863D

FFFFFF

 006C25

 57BC6E

 00530D

 73D888

 003A00

 8FF5A3

 002500

 ACFFBE

 000000

 C9FFDA

 E6FFF7

 13863D

 13863D

 068634

 208646

■ 008631

■ 2E864E

■ 3B8657

■ 49865F

■ 568668

■ 638670

■ 718679

■ 7E8681

■ 8C868A

Harmonies

Analogous

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



627E11



13863D



008A6D

Triad

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



13863D



007BD3



C74A4D

Complementary

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



13863D



86135C

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.



C5457C



13863D



696AC9

Square

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



13863D



0086C3



A854A9



B35D23

Rectangle

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



13863D



008A8E



A854A9



C9465C

Sweetspot

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



13863D



80AD91



5E8613



3C5746



D6D6D6



575757

Same Dimension

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



13863D



00AD3F



138675



3C423E



00822F



000301

Inverse Universe

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



86135C



AD006E



861324



423C40



820053



030002

Previews

White Background



This preview shows how the Hex color 13863D looks on a white background.

Color Contrast Check

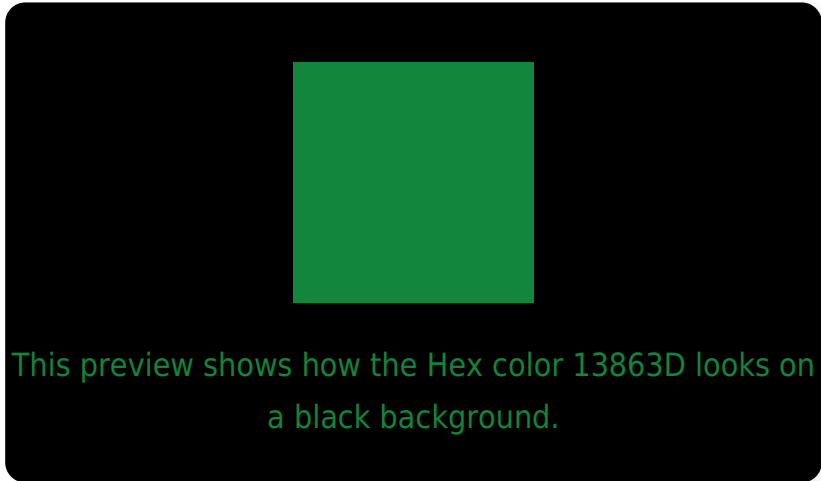
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

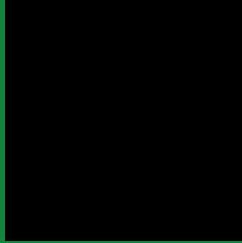
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Hex 13863D Background



This preview shows how black text looks on a background with the Hex color 13863D.



This preview shows how white text looks on a background with the Hex color 13863D.

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
13863D

Protanopia
807437

Deuteranopia
8D6E43



Tritanopia
377E88

Trichromacy



Original Color
13863D



Protanomaly
587B39



Deuteranomaly
617741



Tritanomaly
2A816D

Monochromacy



Original Color
13863D



Achromatopsia
5B5B5B



Achromatomaly
416B50

CSS Examples

Text

The CSS property to change the color of the text to Hex 13863D 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 #13863D looks like.

```
.text, #text, p{  
    color:#13863D  
}
```

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 #13863D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #13863D
}
```

Border

The CSS property to change the border of an element to Hex 13863D 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
#13863D }
```

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

```
.border{ border-color:#13863D }
```

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

Here you see how a box with a 4 pixel #13863D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #13863D; -webkit-box-shadow:4px 4px  
4px 4px #13863D; box-shadow:4px 4px 4px  
4px #13863D }
```

Background

The CSS property to change the background color of an element to Hex 13863D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#13863D }
```

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

```
.background{ background-color:#13863D }
```

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