

Converting Colors

Hex(13865A)

Have a look what the booklet for
Hex(13865A) contains.

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Color

Hex(13865A)

Conversions

Conversions Part 1

Format	Color
Hex	13865A
RGB	19, 134, 90
RGB Percent	7%, 53%, 35%
CMY	0.9255, 0.4745, 0.6471
CMYK	0.86, 0.00, 0.33, 0.47
HSL	157°, 75%, 30%
HSV	157°, 86%, 53%
XYZ	10.6391, 17.9268, 12.5723
YIQ	94.5990, -54.4160, -38.0640

Conversions

Conversions Part 2

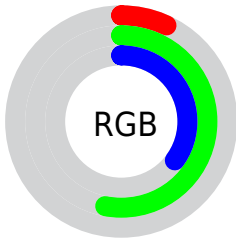
Format	Color
RYB	19, 90, 134
Decimal	1279578
CIELab	49.41, -40.96, 15.38
CIELCh	49, 43.753, 159.418
Yxy	17.9268, 0.2586, 0.4358
Android (android.graphics.Color)	4279469658 (0xFF13865A)
YUV	94.5990, -2.2673, -66.3003
Hunter-Lab	42.3401, -29.2421, 12.0327

Details

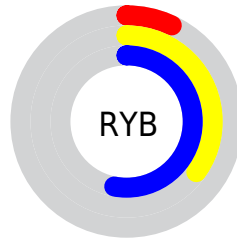
The Hex color **13865A** is a dark color, and the websafe version is hex **339966**. A complement of this color would be **86133F**, and the grayscale version is **5F5F5F**.

A 20% lighter version of the original color is **56BC8C**, and **00532C** is the 20% darker color. If you saturate the color by 10%, you get **068655**, and if you desaturate by 10%, it is **20865F**.

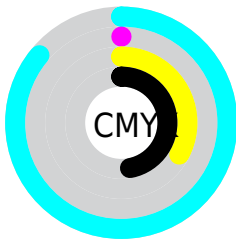
Distribution



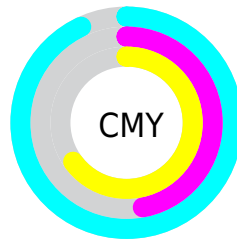
- Red (7%)
- Green (53%)
- Blue (35%)



- Red (7%)
- Yellow (35%)
- Blue (53%)



- Cyan (86%)
- Magenta (0%)
- Yellow (33%)
- Black (47%)



- Cyan (93%)
- Magenta (47%)
- Yellow (65%)

Brightness & Saturation Gradients

These gradients show how the Hex color 13865A 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 13865A by changing the saturation by 10% instead.

 13865A

 13865A

FFFFFF

 006C42

 56BC8C

 00532C

 73D8A7

 003B17

 8FF5C2

 002600

 ACFFDE

 000000

 C8FFFB

 E6FFFF

 13865A

 13865A

 068655

 20865F

■ 008653

■ 2E8664

■ 3B8669

■ 49866F

■ 568674

■ 638679

■ 71867E

■ 7E8683

■ 8C8688

Harmonies

Analogous

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



578139



13865A



008880

Triad

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



13865A



4776BF



B45C48

Complementary

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



13865A



86133F

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.



BA556B



13865A



8767AF

Square

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



13865A



0080BB



AC5990



9F6A2E

Rectangle

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



13865A



008799



AC5990



B85953

Sweetspot

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



13865A



80AD9C



3F8613



3C574C



D6D6D6



575757

Same Dimension

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



13865A



00AD6B



137986



3C4240



008250



000302

Inverse Universe

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



86133F



AD0042



862013



423C3E



820032



030001

Previews

White Background



This preview shows how the Hex color 13865A looks on a white background.

Color Contrast Check

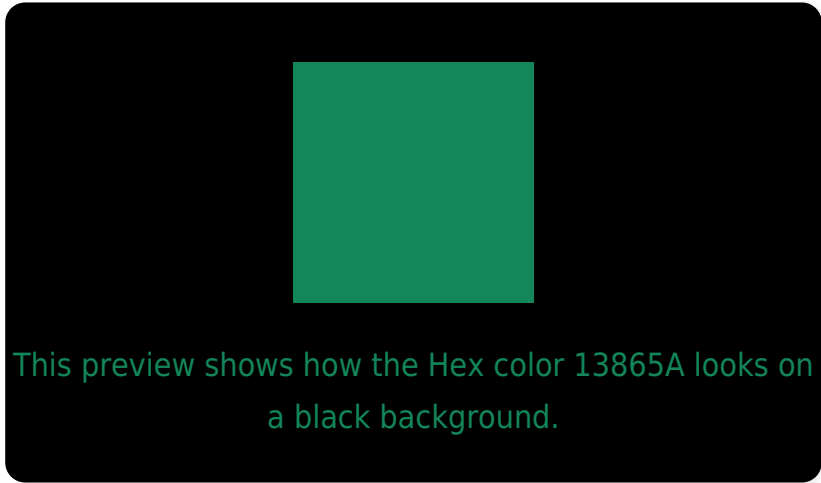
Large Text (above 18pt) WCAG AA ✓ Pass

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

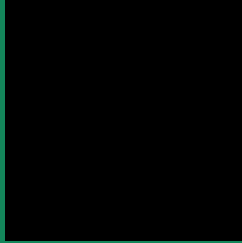
Any Text WCAG AA ✓ Pass

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 13865A Background



This preview shows how black text looks on a background with the Hex color 13865A.



This preview shows how white text looks on a background with the Hex color 13865A.

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
13865A

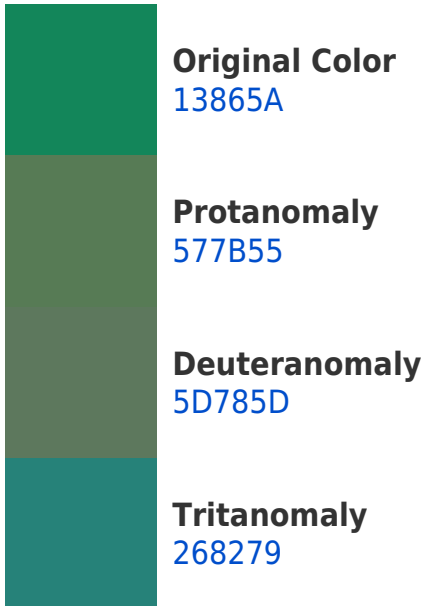
Protanopia
7E7552

Deuteranopia
88705F

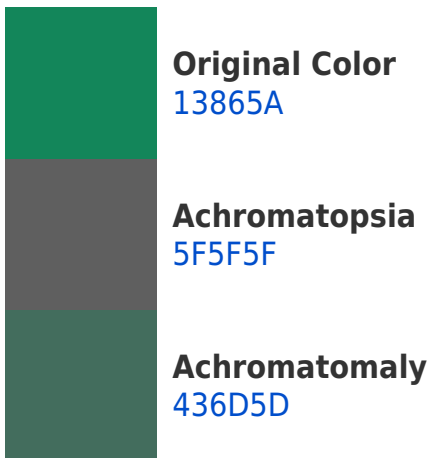


Tritanopia
31808A

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 13865A 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 #13865A looks like.

```
.text, #text, p{  
    color:#13865A  
}
```

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 #13865A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #13865A
}
```

Border

The CSS property to change the border of an element to Hex 13865A 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
#13865A }
```

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

```
.border{ border-color:#13865A }
```

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

Here you see how a box with a 4 pixel #13865A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #13865A; -webkit-box-shadow:4px 4px  
4px 4px #13865A; box-shadow:4px 4px 4px  
4px #13865A }
```

Background

The CSS property to change the background color of an element to Hex 13865A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#13865A }
```

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

```
.background{ background-color:#13865A }
```

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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