

Converting Colors

Hex(14896B)

Have a look what the booklet for
Hex(14896B) contains.

Hex(14896B)	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(14896B)

Conversions

Conversions Part 1

Format	Color
Hex	14896B
RGB	20, 137, 107
RGB Percent	8%, 54%, 42%
CMY	0.9216, 0.4627, 0.5804
CMYK	0.85, 0.00, 0.22, 0.46
HSL	165°, 75%, 31%
HSV	165°, 85%, 54%
XYZ	11.8880, 19.1016, 16.9703
YIQ	98.5970, -60.1020, -34.1340

Conversions

Conversions Part 2

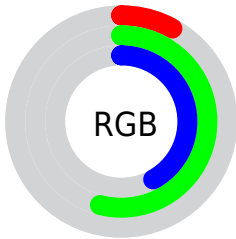
Format	Color
R_{YB}	20, 87, 137
Decimal	1345899
CIE _{Lab}	50.81, -37.91, 7.55
CIE _{LCh}	51, 38.651, 168.734
Yxy	19.1016, 0.2479, 0.3983
Android (android.graphics.Color)	4279535979 (0xFF14896B)
YUV	98.5970, 4.1427, -68.9296
Hunter-Lab	43.7054, -27.9318, 7.5721

Details

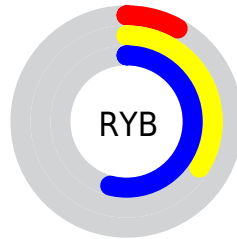
The Hex color **14896B** is a dark color, and the websafe version is hex **339966**. A complement of this color would be **891432**, and the grayscale version is **636363**.

A 20% lighter version of the original color is **58BF9E**, and **00563C** is the 20% darker color. If you saturate the color by 10%, you get **068967**, and if you desaturate by 10%, it is **22896F**.

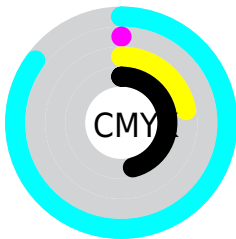
Distribution



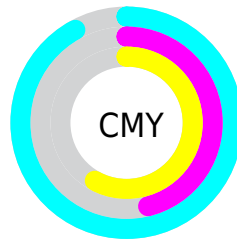
- Red (8%)
- Green (54%)
- Blue (42%)



- Red (8%)
- Yellow (34%)
- Blue (54%)



- Cyan (85%)
- Magenta (0%)
- Yellow (22%)
- Black (46%)



- Cyan (92%)
- Magenta (46%)
- Yellow (58%)

Brightness & Saturation Gradients


These gradients show how the Hex color 14896B 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 14896B by changing the saturation by 10% instead.

 14896B

 14896B

FFFFFF

 006F53

 58BF9E

 00563C

 75DBB9

 003E26

 91F8D5

 002811

 AEFFF1

 000600

 CBFFFF

 000000

 E8FFFF

 14896B

 14896B

 068967

 22896F

■ 008966

■ 2F8972

■ 3D8976

■ 4B8979

■ 59897D

■ 668980

■ 748984

■ 828987

■ 8F898B

Harmonies

Analogous

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



52854C



14896B



008A8D

Triad

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



14896B



6775B7



AE6749

Complementary

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



14896B



891432

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.



B75E66



14896B



9568A5

Square

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



14896B



1280B9



B05F87



977337

Rectangle

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



14896B



0088A1



B05F87



B36351

Sweetspot

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



14896B



84B3A7



338914



3E5952



D9D9D9



595959

Same Dimension

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



14896B



00B385



146E89



3E4543



008563



000504

Inverse Universe

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



891432



B3002E



892F14



453E40



850022



050001

Previews

White Background



This preview shows how the Hex color 14896B looks on a white background.

Color Contrast Check

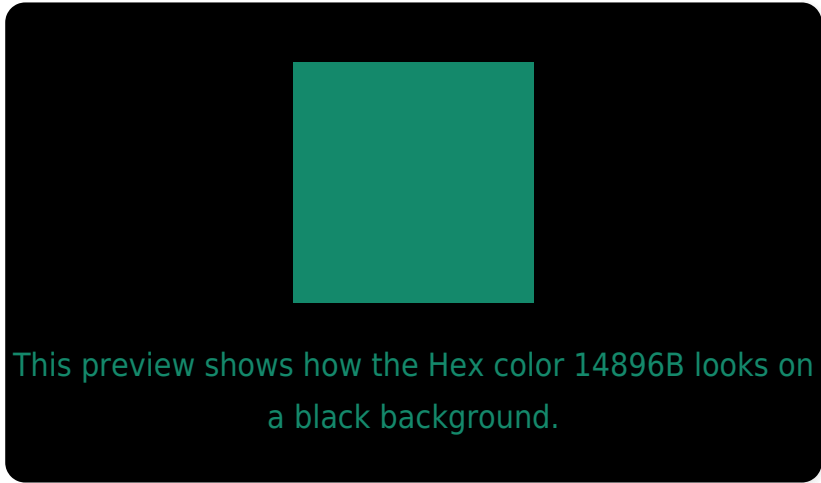
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

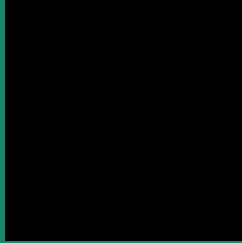
Any Text WCAG AA ✓ Pass

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 14896B Background



This preview shows how black text looks on a background with the Hex color 14896B.

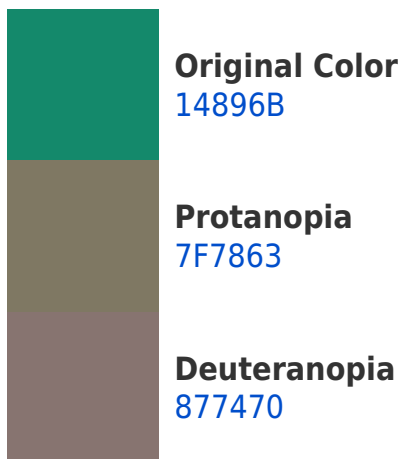


This preview shows how white text looks on a background with the Hex color 14896B.

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
2E848F

Trichromacy



Original Color
14896B



Protanomaly
587E66



Deuteranomaly
5D7C6E



Tritanomaly
258682

Monochromacy



Original Color
14896B



Achromatopsia
636363



Achromatomaly
467166

CSS Examples

Text

The CSS property to change the color of the text to Hex 14896B 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 #14896B looks like.

```
.text, #text, p{  
    color:#14896B  
}
```

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 #14896B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #14896B
}
```

Border

The CSS property to change the border of an element to Hex 14896B 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
#14896B }
```

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

```
.border{ border-color:#14896B }
```

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

Here you see how a box with a 4 pixel #14896B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #14896B; -webkit-box-shadow:4px 4px  
4px 4px #14896B; box-shadow:4px 4px 4px  
4px #14896B }
```

Background

The CSS property to change the background color of an element to Hex 14896B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#14896B }
```

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

```
.background{ background-color:#14896B }
```

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