

Converting Colors

Hex(3D9865)

Have a look what the booklet for
Hex(3D9865) contains.

Hex(3D9865)	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(3D9865)

Conversions

Conversions Part 1

Format	Color
Hex	3D9865
RGB	61, 152, 101
RGB Percent	24%, 60%, 40%
CMY	0.7608, 0.4039, 0.6039
CMYK	0.60, 0.00, 0.34, 0.40
HSL	146°, 43%, 42%
HSV	146°, 60%, 60%
XYZ	15.5017, 24.3882, 16.2023
YIQ	118.9770, -37.8650, -35.1530

Conversions

Conversions Part 2

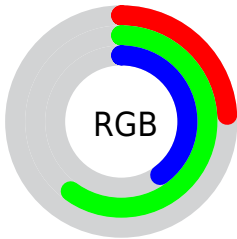
Format	Color
R_{YB}	61, 124, 152
Decimal	4036709
CIE _{Lab}	56.47, -39.21, 18.97
CIE _{LCh}	56, 43.558, 154.178
Yxy	24.3882, 0.2764, 0.4348
Android (android.graphics.Color)	4282226789 (0xFF3D9865)
YUV	118.9770, -8.8627, -50.8458
Hunter-Lab	49.3844, -30.3918, 15.1169

Details

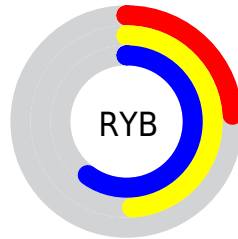
The Hex color **3D9865** is a dark color, and the websafe version is hex **339966**. A complement of this color would be **983D70**, and the grayscale version is **777777**.

A 20% lighter version of the original color is **75CF98**, and **006436** is the 20% darker color. If you saturate the color by 10%, you get **2E985C**, and if you desaturate by 10%, it is **4C986E**.

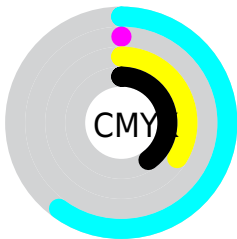
Distribution



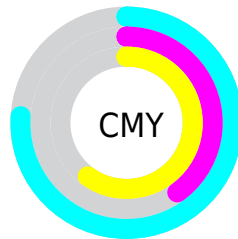
- Red (24%)
- Green (60%)
- Blue (40%)



- Red (24%)
- Yellow (49%)
- Blue (60%)



- Cyan (60%)
- Magenta (0%)
- Yellow (34%)
- Black (40%)



- Cyan (76%)
- Magenta (40%)
- Yellow (60%)

Brightness & Saturation Gradients

These gradients show how the Hex color 3D9865 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 3D9865 by changing the saturation by 10% instead.

 3D9865

 3D9865

FFFFFF

 1D7E4D

 75CF98

 006436

 90ECB3

 004B20

 ADFFCF

 00340A

 C9FFEB

 001F00

 E6FFFF

 000000

 3D9865

 3D9865

 2E985C

 4C986E

 1F9854

 5B9876

0F984B

6B987F

009843

7A9887

899890

989898

A798A1

B798A9

C698B2

Harmonies

Analogous

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



719246



3D9865



009B8C

Triad

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



3D9865



4E8AD3



CB6D5F

Complementary

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



3D9865



983D70

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.



CD6784



3D9865



917BC6

Square

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



3D9865



0094CB



BA6DA9



B87A43

Rectangle

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



3D9865



009AA5



BA6DA9



CE6A6A

Sweetspot

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



3D9865



A1C4B1



71983D



4E6357



E3E3E3



636363

Same Dimension

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



3D9865



37C475



3D9892



454D48



008C3E



000D06

Inverse Universe

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



983D70



C43786



983D43



4D4549



8C004F



0D0007

Previews

White Background



This preview shows how the Hex color 3D9865 looks on a white background.

Color Contrast Check

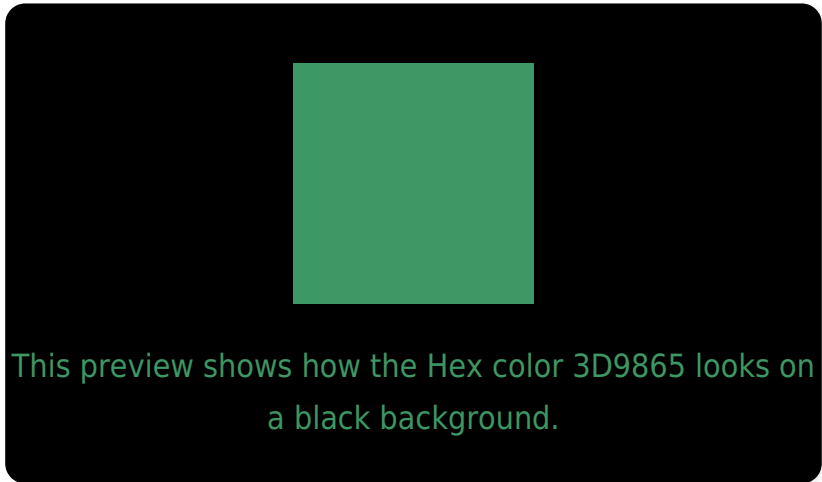
Large Text (above 18pt) WCAG AA ✓ Pass

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

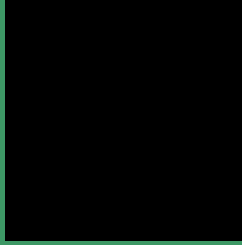
Any Text WCAG AA ✓ Pass

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 3D9865 Background



This preview shows how black text looks on a background with the Hex color 3D9865.



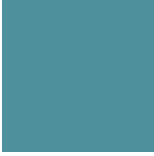
This preview shows how white text looks on a background with the Hex color 3D9865.

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](#).

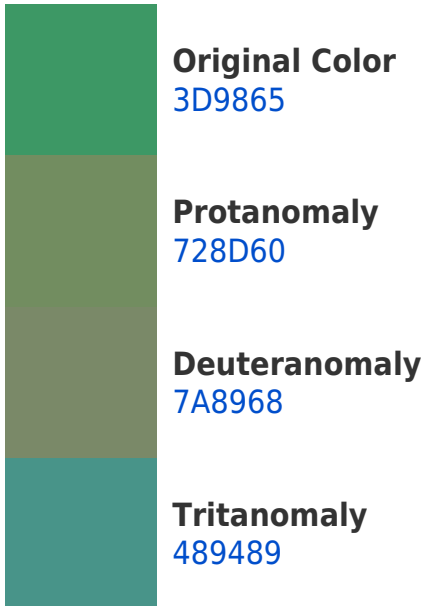
Dichromacy





Tritanopia
4E919D

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 3D9865 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 #3D9865 looks like.

```
.text, #text, p{  
    color:#3D9865  
}
```

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 #3D9865 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3D9865
}
```

Border

The CSS property to change the border of an element to Hex 3D9865 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
#3D9865 }
```

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

```
.border{ border-color:#3D9865 }
```

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

Here you see how a box with a 4 pixel #3D9865 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3D9865; -webkit-box-shadow:4px 4px  
4px 4px #3D9865; box-shadow:4px 4px 4px  
4px #3D9865 }
```

Background

The CSS property to change the background color of an element to Hex 3D9865 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3D9865 }
```

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

```
.background{ background-color:#3D9865 }
```

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