

Converting Colors

Hex(49865D)

Have a look what the booklet for
Hex(49865D) contains.

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Color

Hex(49865D)

Conversions

Conversions Part 1

Format	Color
Hex	49865D
RGB	73, 134, 93
RGB Percent	29%, 53%, 36%
CMY	0.7137, 0.4745, 0.6353
CMYK	0.46, 0.00, 0.31, 0.47
HSL	140°, 29%, 41%
HSV	140°, 46%, 53%
XYZ	13.2485, 19.2570, 13.3746
YIQ	111.0870, -23.1950, -25.6830

Conversions

Conversions Part 2

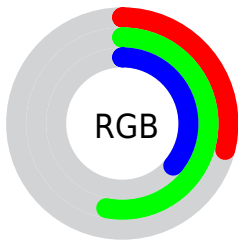
Format	Color
RYB	73, 119, 134
Decimal	4818525
CIELab	50.99, -29.49, 16.07
CIELCh	51, 33.585, 151.404
Yxy	19.2570, 0.2888, 0.4197
Android (android.graphics.Color)	4283008605 (0xFF49865D)
YUV	111.0870, -8.9169, -33.4023
Hunter-Lab	43.8828, -22.9044, 12.6475

Details

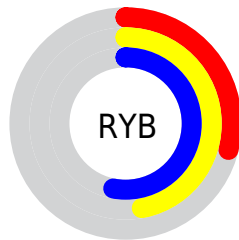
The Hex color **49865D** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **864972**, and the grayscale version is **6F6F6F**.

A 20% lighter version of the original color is **7DBC90**, and **14542F** is the 20% darker color. If you saturate the color by 10%, you get **3C8654**, and if you desaturate by 10%, it is **568666**.

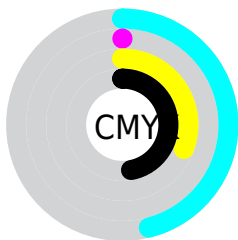
Distribution



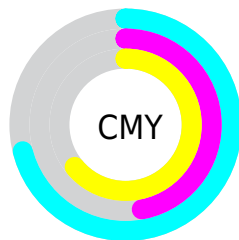
- Red (29%)
- Green (53%)
- Blue (36%)



- Red (29%)
- Yellow (47%)
- Blue (53%)



- Cyan (46%)
- Magenta (0%)
- Yellow (31%)
- Black (47%)



- Cyan (71%)
- Magenta (47%)
- Yellow (64%)

Brightness & Saturation Gradients

These gradients show how the Hex color 49865D 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 49865D by changing the saturation by 10% instead.

 49865D

 49865D

FFFFFF

 2F6C45

 7DBC90

 14542F

 98D8AA

 003C19

 B3F4C5

 002600

 CFFFE1

 000700

 ECFFFE

 000000

 49865D

 49865D

 3C8654

 568666

 2E864B

 64866F

■ 218642

■ 718678

■ 138639

■ 7F8681

■ 068630

■ 8C868A

■ 00862C

■ 998693

■ A7869C

■ B486A5

■ C286AE

Harmonies

Analogous

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



6C8147



49865D



13887A

Triad

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



49865D



4F7CB2



AF655D

Complementary

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



49865D



864972

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.



AF6279



49865D



7E71AA

Square

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



49865D



0084AB



9E6795



A16E48

Rectangle

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



49865D



00888D



9E6795



B06366

Sweetspot

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



49865D



95AD9D



738649



48574D



D6D6D6



575757

Same Dimension

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



49865D



4EAD6D



49867B



3C423E



00822B



000301

Inverse Universe

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



864972



AD4E8E



864954



423C40



820057



030002

Previews

White Background



This preview shows how the Hex color 49865D looks on a white background.

Color Contrast Check

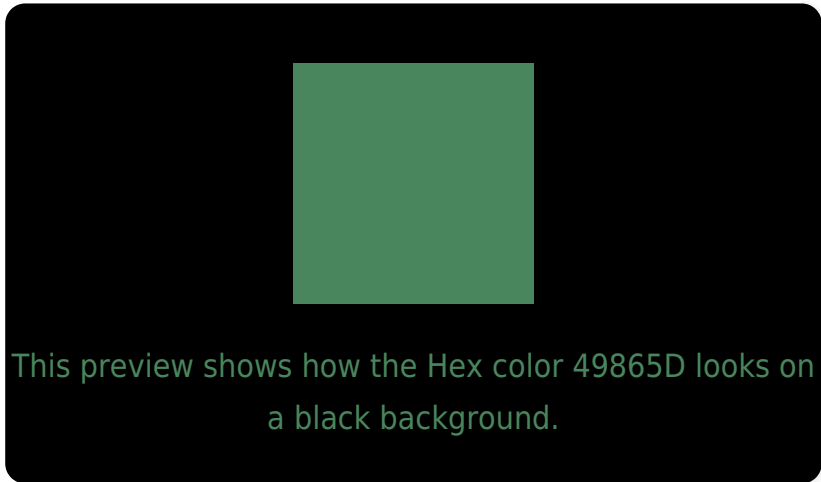
Large Text (above 18pt) WCAG AA ✓ Pass

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

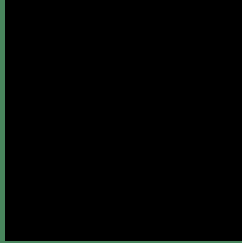
Any Text WCAG AA ✓ Pass

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 49865D Background



This preview shows how black text looks on a background with the Hex color 49865D.

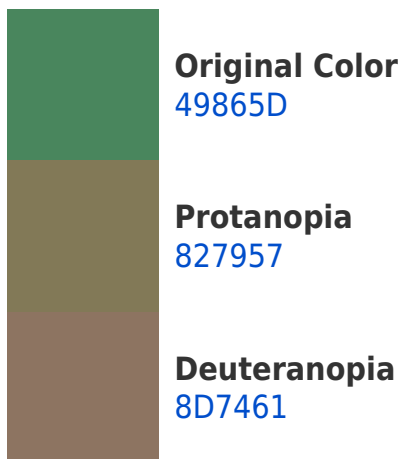


This preview shows how white text looks on a background with the Hex color 49865D.

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](#).

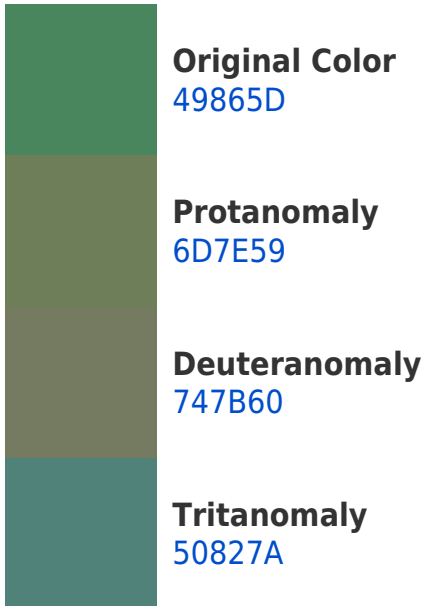
Dichromacy



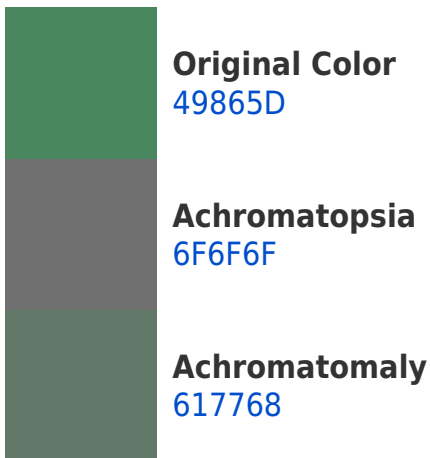


Tritanopia
54808B

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 49865D 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 #49865D looks like.

```
.text, #text, p{  
    color:#49865D  
}
```

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 #49865D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #49865D
}
```

Border

The CSS property to change the border of an element to Hex 49865D 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
#49865D }
```

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

```
.border{ border-color:#49865D }
```

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

Here you see how a box with a 4 pixel #49865D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #49865D; -webkit-box-shadow:4px 4px  
4px 4px #49865D; box-shadow:4px 4px 4px  
4px #49865D }
```

Background

The CSS property to change the background color of an element to Hex 49865D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#49865D }
```

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

```
.background{ background-color:#49865D }
```

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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