

Converting Colors

Hex(64996F)

Have a look what the booklet for
Hex(64996F) contains.

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Color

Hex(64996F)

Conversions

Conversions Part 1

| Format | Color |
|-------------|------------------------------|
| Hex | 64996F |
| RGB | 100, 153, 111 |
| RGB Percent | 39%, 60%, 44% |
| CMY | 0.6078, 0.4000, 0.5647 |
| CMYK | 0.35, 0.00, 0.27, 0.40 |
| HSL | 132°, 21%, 50% |
| HSV | 132°, 35%, 60% |
| XYZ | 19.5160, 26.6395, 19.1523 |
| YIQ | 132.3650, -18.1060, -24.2980 |

Conversions

Conversions Part 2

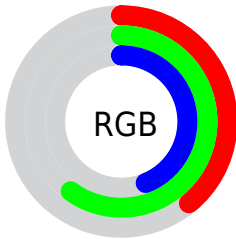
| Format | Color |
|-------------------------------------|---------------------------------|
| RYB | 100, 144, 153 |
| Decimal | 6592879 |
| CIELab | 58.64, -26.74, 16.63 |
| CIELCh | 59, 31.492, 148.128 |
| Yxy | 26.6395, 0.2988, 0.4079 |
| Android (android.graphics.Color) | 4284782959 (0xFF64996F) |
| YUV | 132.3650, -10.5329, -28.3841 |
| Hunter-Lab | 51.6135, -22.8294, 14.1286 |

Details

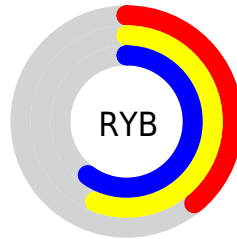
The Hex color **64996F** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **99648E**, and the grayscale version is **848484**.

A 20% lighter version of the original color is **99D0A3**, and **32663F** is the 20% darker color. If you saturate the color by 10%, you get **559963**, and if you desaturate by 10%, it is **73997B**.

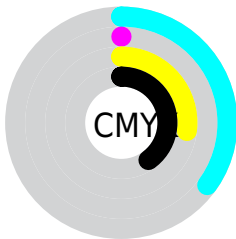
Distribution



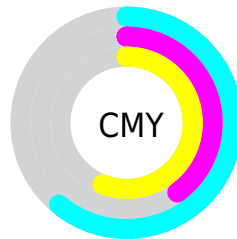
- Red (39%)
- Green (60%)
- Blue (44%)



- Red (39%)
- Yellow (56%)
- Blue (60%)



- Cyan (35%)
- Magenta (0%)
- Yellow (27%)
- Black (40%)



- Cyan (61%)
- Magenta (40%)
- Yellow (56%)

Brightness & Saturation Gradients

These gradients show how the Hex color 64996F 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 64996F by changing the saturation by 10% instead.



64996F



64996F

FFFFFF



4B7F56



99D0A3



32663F



B4ECBE



194D29



D0FFDA



003614



ECFFF6



002100



000000



64996F



64996F



559963



73997B



459957



839987

 36994B

 929993

 27993F

 A1999F

 179932

 B099AC

 089926

 C099B8

 009920

 CF99C4

 DE99D0

 EE99DC

Harmonies

Analogous

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



85935B



64996F



409C8A

Triad

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



64996F



6390C4



C27A74

Complementary

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



64996F



99648E

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.



C07890



64996F



8E87BE

Square

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



64996F



3597BB



AE7DAB



B7815F

Rectangle

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



64996F



299C9D



AE7DAB



C3787D

Sweetspot

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



64996F



B3C7B7



8E9964



58635A



E3E3E3



636363

Same Dimension

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



64996F



73C785



649989



454D46



008C1D



000D03

Inverse Universe

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



99648E



C773B6



996474



4D454B



8C006F



0D000A

Previews

White Background



This preview shows how the Hex color 64996F looks on a white background.

Color Contrast Check

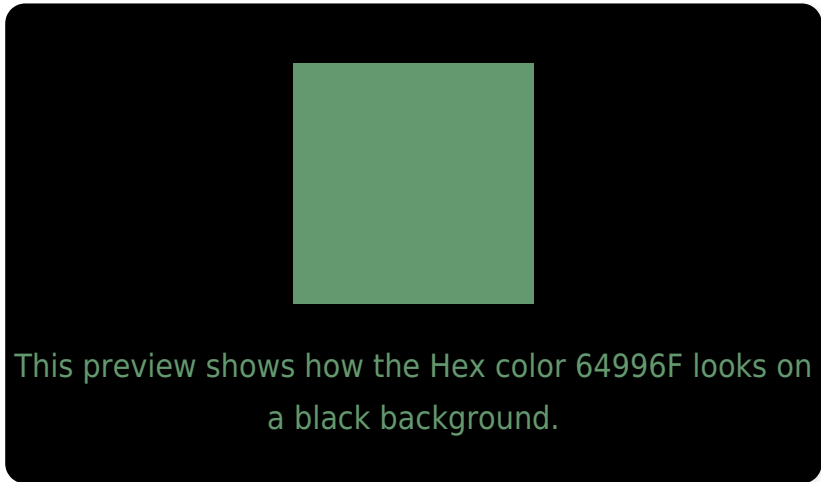
Large Text (above 18pt) WCAG AA ✓ Pass

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

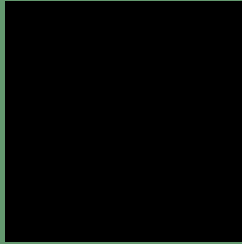
Any Text WCAG AA ✓ Pass

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 64996F Background



This preview shows how black text looks on a background with the Hex color 64996F.




This preview shows how white text looks on a background with the Hex color 64996F.

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](#).

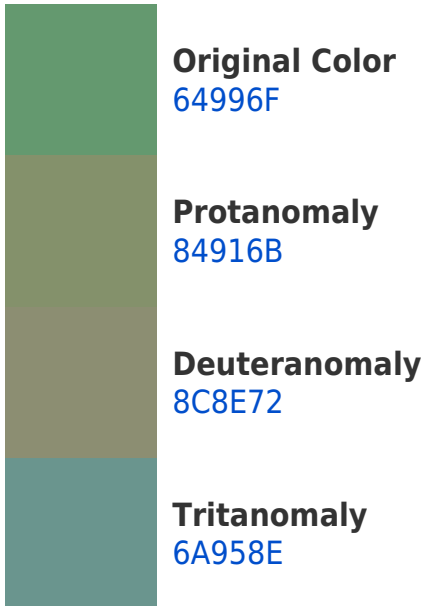
Dichromacy



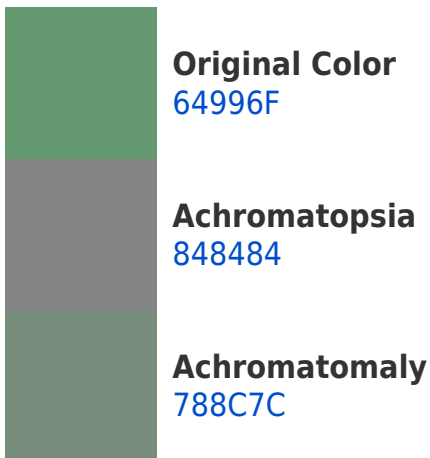


Tritanopia
6E939F

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 64996F 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 #64996F looks like.

```
.text, #text, p{  
    color:#64996F  
}
```

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 #64996F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #64996F
}
```

Border

The CSS property to change the border of an element to Hex 64996F 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
#64996F }
```

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

```
.border{ border-color:#64996F }
```

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

Here you see how a box with a 4 pixel #64996F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #64996F; -webkit-box-shadow:4px 4px  
4px 4px #64996F; box-shadow:4px 4px 4px  
4px #64996F }
```

Background

The CSS property to change the background color of an element to Hex 64996F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#64996F }
```

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

```
.background{ background-color:#64996F }
```

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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