

Converting Colors

Hex(47856F)

Have a look what the booklet for
Hex(47856F) contains.

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Color

Hex(47856F)

Conversions

Conversions Part 1

Format	Color
Hex	47856F
RGB	71, 133, 111
RGB Percent	28%, 52%, 44%
CMY	0.7216, 0.4784, 0.5647
CMYK	0.47, 0.00, 0.17, 0.48
HSL	159°, 30%, 40%
HSV	159°, 47%, 52%
XYZ	13.8553, 19.2623, 18.0267
YIQ	111.9540, -29.8900, -19.9860

Conversions

Conversions Part 2

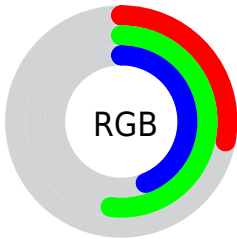
Format	Color
R_YB	71, 109, 133
Decimal	4687215
CIE Lab	50.99, -25.62, 5.68
CIE LCh	51, 26.239, 167.488
Yxy	19.2623, 0.2709, 0.3766
Android (android.graphics.Color)	4282877295 (0xFF47856F)
YUV	111.9540, -0.4703, -35.9167
Hunter-Lab	43.8889, -20.4548, 6.3698

Details

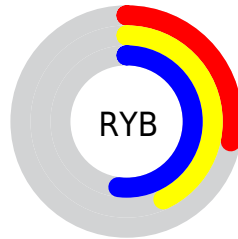
The Hex color **47856F** is a dark color, and the websafe version is hex **339999**. A complement of this color would be **85475D**, and the grayscale version is **707070**.

A 20% lighter version of the original color is **7BBBA3**, and **10533F** is the 20% darker color. If you saturate the color by 10%, you get **3A856A**, and if you desaturate by 10%, it is **548574**.

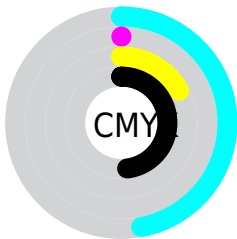
Distribution



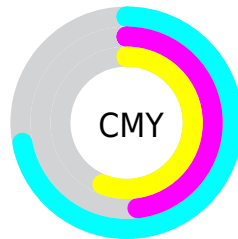
- Red (28%)
- Green (52%)
- Blue (44%)



- Red (28%)
- Yellow (43%)
- Blue (52%)



- Cyan (47%)
- Magenta (0%)
- Yellow (17%)
- Black (48%)



- Cyan (72%)
- Magenta (48%)
- Yellow (56%)

Brightness & Saturation Gradients

These gradients show how the Hex color 47856F 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 47856F by changing the saturation by 10% instead.



47856F



47856F

FFFFFF



2D6B57



7BBBA3



10533F



96D6BE



003B29



B1F3D9



002515



CEFFF6



000700



EAFFFF



000000



47856F



47856F



3A856A



548574



2C8566



628578

■ 1F8561

■ 6F857D

■ 12855C

■ 7C8582

■ 048557

■ 8A8587

■ 008556

■ 97858B

■ A48590

■ B18595

■ BF8599

Harmonies

Analogous

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



62825B



47856F



2F8686

Triad

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



47856F



6F77A4



A06D59

Complementary

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



47856F



85475D

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.



A6696D



47856F



8C6F98

Square

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



47856F



4C7EA5



9F6984



91754E

Rectangle

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



47856F



2B8494



9F6984



A36B5F

Sweetspot

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



47856F



95ADA5



5E8547



485751



D6D6D6



575757

Same Dimension

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



47856F



4CAD8B



477D85



3C4240



008254



000302

Inverse Universe

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



85475D



AD4C6F



854F47



423C3E



82002E



030001

Previews

White Background



This preview shows how the Hex color 47856F looks on a white background.

Color Contrast Check

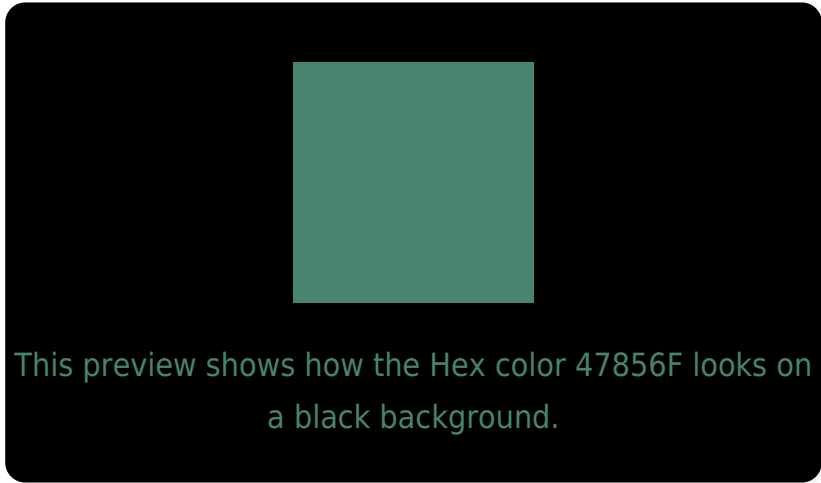
Large Text (above 18pt) WCAG AA ✓ Pass

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

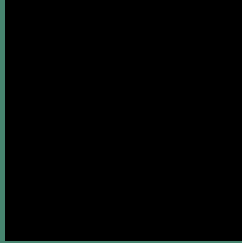
Any Text WCAG AA ✓ Pass

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 47856F Background



This preview shows how black text looks on a background with the Hex color 47856F.

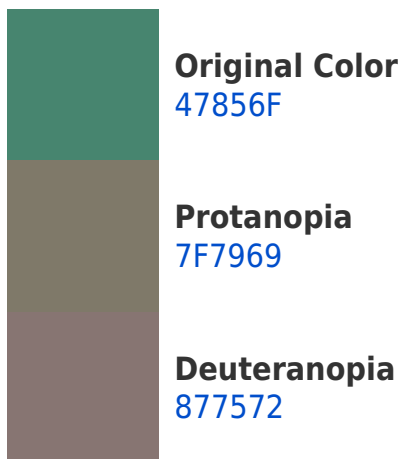


This preview shows how white text looks on a background with the Hex color 47856F.

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



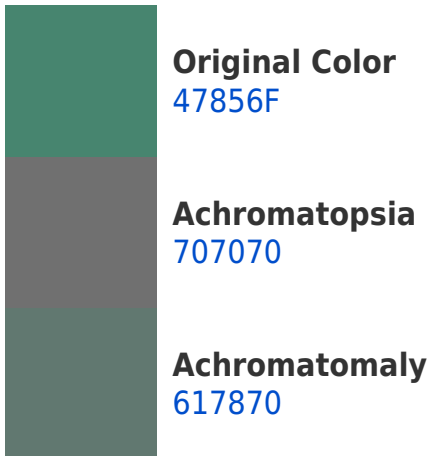


Tritanopia
4F818B

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 47856F 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 #47856F looks like.

```
.text, #text, p{  
    color:#47856F  
}
```

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 #47856F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #47856F
}
```

Border

The CSS property to change the border of an element to Hex 47856F 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".

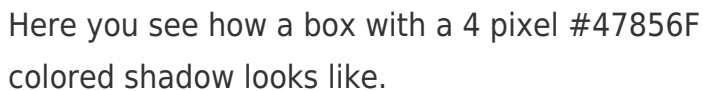
```
.border, #border, table{ border:4px solid
#47856F }
```

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

```
.border{ border-color:#47856F }
```

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

Here you see how a box with a 4 pixel #47856F colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #47856F; -webkit-box-shadow:4px 4px  
4px 4px #47856F; box-shadow:4px 4px 4px  
4px #47856F }
```

Background

The CSS property to change the background color of an element to Hex 47856F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#47856F }
```

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

```
.background{ background-color:#47856F }
```

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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