

# Converting Colors

Hex(41986F)

Have a look what the booklet for  
Hex(41986F) contains.

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# Color

Hex(41986F)

# Conversions

## Conversions Part 1

Format	Color
Hex	41986F
RGB	65, 152, 111
RGB Percent	25%, 60%, 44%
CMY	0.7451, 0.4039, 0.5647
CMYK	0.57, 0.00, 0.27, 0.40
HSL	152°, 40%, 43%
HSV	152°, 57%, 60%
XYZ	16.2775, 24.7280, 18.9540
YIQ	121.3130, -38.6910, -31.1950

# Conversions

## Conversions Part 2

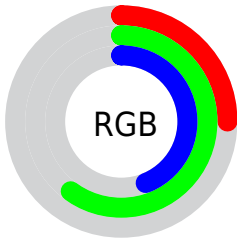
<b>Format</b>	<b>Color</b>
<b>RYB</b>	65, 122, 152
Decimal	4298863
CIELab	56.81, -36.17, 13.86
CIELCh	57, 38.735, 159.031
Yxy	24.7280, 0.2715, 0.4124
Android (android.graphics.Color)	4282488943 (0xFF41986F)
YUV	121.3130, -5.0843, -49.3865
Hunter-Lab	49.7272, -28.5934, 12.2101

# Details

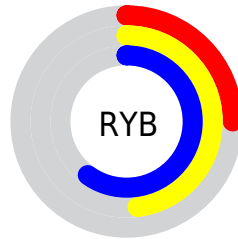
The Hex color **41986F** is a dark color, and the websafe version is hex **339966**. A complement of this color would be **98416A**, and the grayscale version is **797979**.

A 20% lighter version of the original color is **78CFA3**, and **00643F** is the 20% darker color. If you saturate the color by 10%, you get **329868**, and if you desaturate by 10%, it is **509876**.

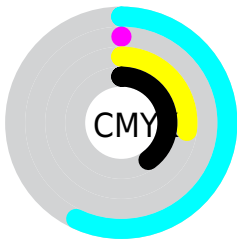
# Distribution



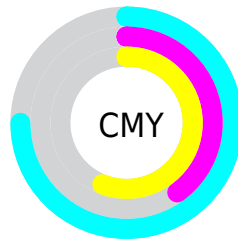
- Red (25%)
- Green (60%)
- Blue (44%)



- Red (25%)
- Yellow (48%)
- Blue (60%)



- Cyan (57%)
- Magenta (0%)
- Yellow (27%)
- Black (40%)



- Cyan (75%)
- Magenta (40%)
- Yellow (56%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 41986F 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 41986F by changing the saturation by 10% instead.



 41986F

 41986F

FFFFFF

 237E57

 78CFA3

 00643F

 94EBBE

 004C29

 B0FFDA

 003414

 CCFFF6

 002000

 E9FFFF

 000000

 41986F

 41986F

 329868

 509876

 239861

 5F987D

■ 13985A

■ 6F9884

■ 049852

■ 7E988C

■ 009850

■ 8D9893

■ 9C989A

■ AB98A1

■ BB98A8

■ CA98AF

# Harmonies

## Analogous

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



6F9352



41986F



009A92

# Triad

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



41986F



6488CB



C4735F

# Complementary

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



41986F



98416A

# 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.



C86D7F



41986F



997CBD

# Square

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



41986F



0092C7



BA70A1



B17E49

# Rectangle

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



41986F



0099A8



BA70A1



C77069



# Sweetspot

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



41986F



A3C4B5



6B9841



50635A



E3E3E3



636363



# Same Dimension

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



41986F



3DC485



419798



454D49



008C4A



000D07



# Inverse Universe

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



98416A



C43D7D



984241



4D4548



8C0042



0D0006



# Previews

## White Background



This preview shows how the Hex color 41986F looks on a white background.

## Color Contrast Check

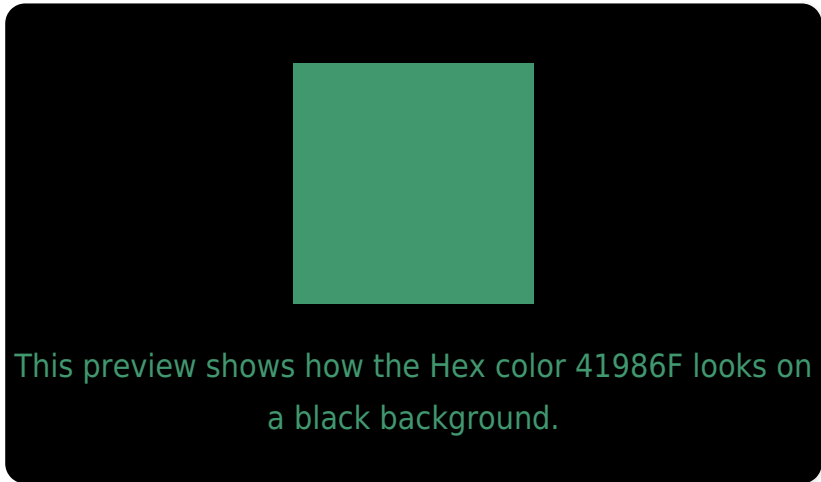
Large Text (above 18pt) WCAG AA ✓ Pass

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

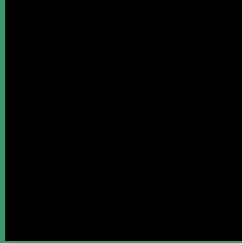
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 41986F Background



This preview shows how black text looks on a background with the Hex color 41986F.



This preview shows how white text looks on a background with the Hex color 41986F.

# 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



**Original Color**  
41986F

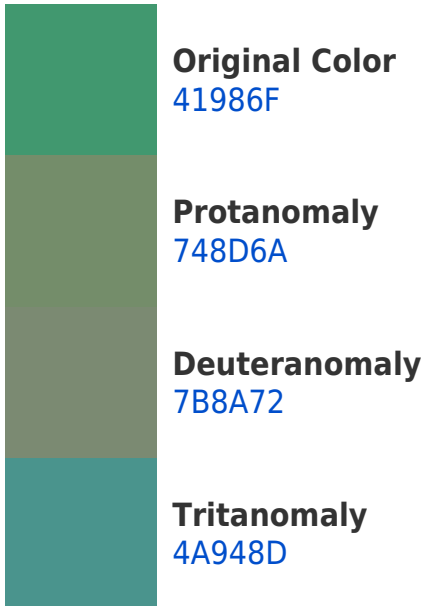
**Protanopia**  
918767

**Deuteranopia**  
9C8274

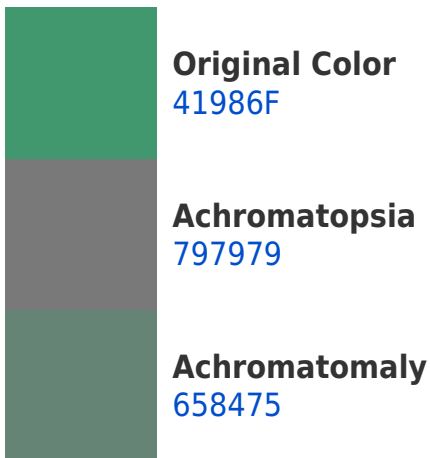


**Tritanopia**  
4F929E

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 41986F 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 #41986F looks like.

```
.text, #text, p{  
    color:#41986F  
}
```

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 #41986F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #41986F
}
```

## Border

The CSS property to change the border of an element to Hex 41986F 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
#41986F }
```

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

```
.border{ border-color:#41986F }
```

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

Here you see how a box with a 4 pixel #41986F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #41986F; -webkit-box-shadow:4px 4px  
4px 4px #41986F; box-shadow:4px 4px 4px  
4px #41986F }
```

# Background

The CSS property to change the background color of an element to Hex 41986F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#41986F }
```

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

```
.background{ background-color:#41986F }
```

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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