

# Converting Colors

Hex(23764F)

Have a look what the booklet for  
Hex(23764F) contains.

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# Color

Hex(23764F)

# Conversions

## Conversions Part 1

Format	Color
Hex	23764F
RGB	35, 118, 79
RGB Percent	14%, 46%, 31%
CMY	0.8627, 0.5373, 0.6902
CMYK	0.70, 0.00, 0.33, 0.54
HSL	152°, 54%, 30%
HSV	152°, 70%, 46%
XYZ	8.5829, 13.8787, 9.6236
YIQ	88.7370, -36.9490, -29.7250

# Conversions

## Conversions Part 2

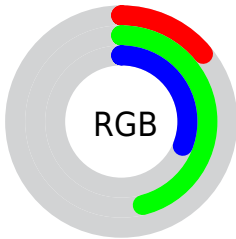
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	35, 89, 118
Decimal	2324047
CIE <sub>Lab</sub>	44.06, -34.55, 14.46
CIE <sub>LCh</sub>	44, 37.457, 157.291
Yxy	13.8787, 0.2675, 0.4326
Android (android.graphics.Color)	4280514127 (0xFF23764F)
YUV	88.7370, -4.8003, -47.1273
Hunter-Lab	37.2541, -24.0707, 10.7619

# Details

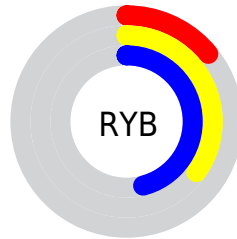
The Hex color **23764F** is a dark color, and the websafe version is hex **006633**. A complement of this color would be **76234A**, and the grayscale version is **595959**.

A 20% lighter version of the original color is **5BAB80**, and **004522** is the 20% darker color. If you saturate the color by 10%, you get **177649**, and if you desaturate by 10%, it is **2F7655**.

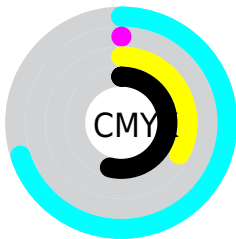
# Distribution



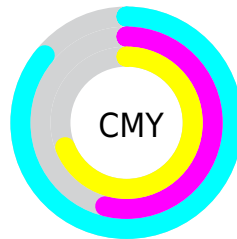
- Red (14%)
- Green (46%)
- Blue (31%)



- Red (14%)
- Yellow (35%)
- Blue (46%)



- Cyan (70%)
- Magenta (0%)
- Yellow (33%)
- Black (54%)



- Cyan (86%)
- Magenta (54%)
- Yellow (69%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 23764F 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 23764F by changing the saturation by 10% instead.



 23764F

 23764F

FFFFFF

 005D38

 5BAB80

 004522

 76C69A

 002D0D

 91E3B5

 001700

 ADFFD1

 000000

 C9FFED

 E6FFFF

 23764F

 23764F

 177649

 2F7655

■ 0B7644

■ 3B765A

■ 00763F

■ 467660

■ 527665

■ 5E766B

■ 6A7670

■ 767676

■ 81767B

■ 8D7681

# Harmonies

## Analogous

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



527135



23764F



00786F

# Triad

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



23764F



3F69A6



9E5344

# Complementary

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



23764F



76234A

# 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.



A24D62



23764F



745D9A

# Square

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



23764F



0072A1



945281



8D5E2E

# Rectangle

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



23764F



007784



945281



A1504D



# Sweetspot

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



23764F



79998A



4B7623



394D44



CCCCCC



4D4D4D



# Same Dimension

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



23764F



18995D



237576



353B38



007A41



00FA84



# Inverse Universe

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



76234A



991855



762423



3B3538



7A003A



FA0075



# Previews

## White Background



This preview shows how the Hex color 23764F looks on a white background.

## Color Contrast Check

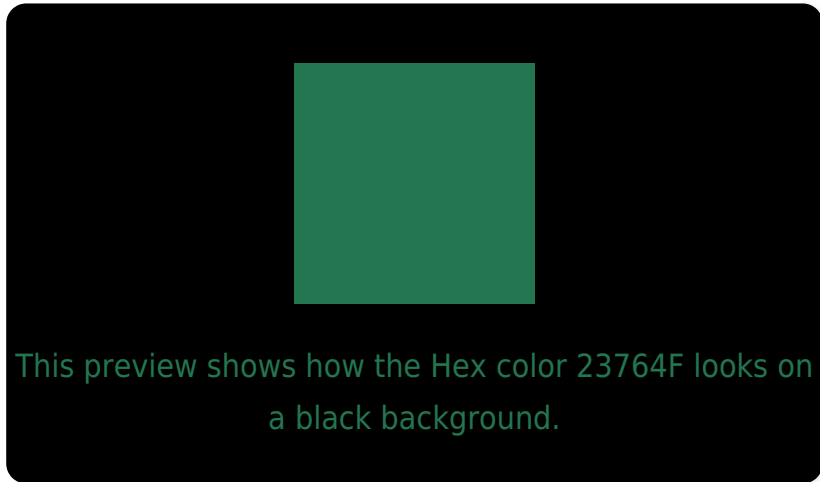
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

# Black 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

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



## Hex 23764F Background



This preview shows how black text looks on a background with the Hex color 23764F.

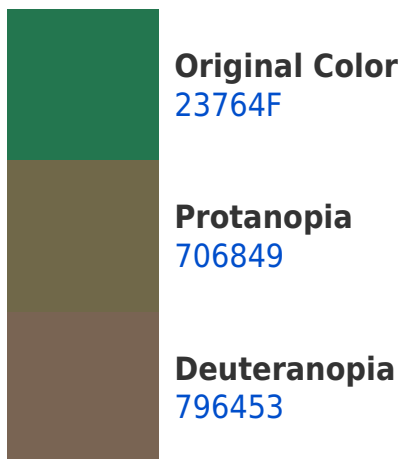


This preview shows how white text looks on a background with the Hex color 23764F.

# 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](#).

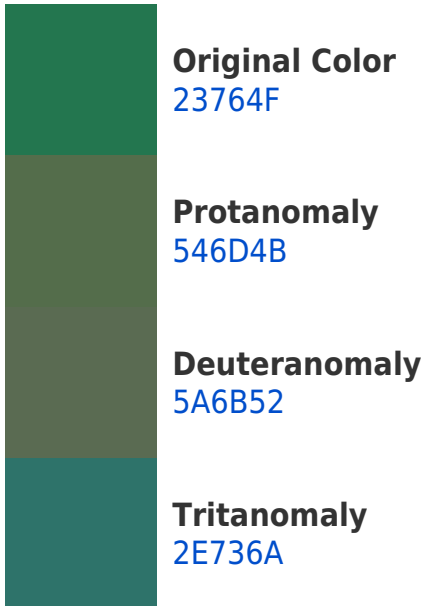
## Dichromacy





**Tritanopia**  
34717A

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 23764F 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 #23764F looks like.

```
.text, #text, p{  
    color:#23764F  
}
```

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 #23764F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #23764F
}
```

## Border

The CSS property to change the border of an element to Hex 23764F 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
#23764F }
```

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

```
.border{ border-color:#23764F }
```

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

Here you see how a box with a 4 pixel #23764F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #23764F; -webkit-box-shadow:4px 4px  
4px 4px #23764F; box-shadow:4px 4px 4px  
4px #23764F }
```

# Background

The CSS property to change the background color of an element to Hex 23764F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#23764F }
```

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

```
.background{ background-color:#23764F }
```

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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