

Converting Colors

Hex(21763F)

Have a look what the booklet for
Hex(21763F) contains.

Hex(21763F)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(21763F)

Conversions

Conversions Part 1

Format	Color
Hex	21763F
RGB	33, 118, 63
RGB Percent	13%, 46%, 25%
CMY	0.8706, 0.5373, 0.7529
CMYK	0.72, 0.00, 0.47, 0.54
HSL	141°, 56%, 30%
HSV	141°, 72%, 46%
XYZ	8.0028, 13.6391, 6.9134
YIQ	86.3150, -33.0050, -35.1250

Conversions

Conversions Part 2

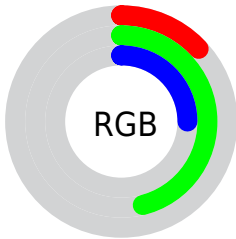
Format	Color
R_{YB}	33, 96, 118
Decimal	2192959
CIE _{Lab}	43.71, -38.23, 23.16
CIE _{LCh}	44, 44.695, 148.788
Yxy	13.6391, 0.2803, 0.4776
Android (android.graphics.Color)	4280383039 (0xFF21763F)
YUV	86.3150, -11.4943, -46.7573
Hunter-Lab	36.9311, -25.9492, 14.7528

Details

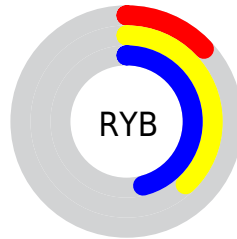
The Hex color **21763F** is a dark color, and the websafe version is hex **006633**. A complement of this color would be **762158**, and the grayscale version is **565656**.

A 20% lighter version of the original color is **5AAB70**, and **004412** is the 20% darker color. If you saturate the color by 10%, you get **157637**, and if you desaturate by 10%, it is **2D7647**.

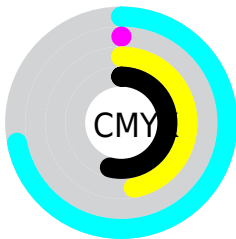
Distribution



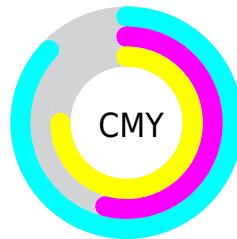
- Red (13%)
- Green (46%)
- Blue (25%)



- Red (13%)
- Yellow (38%)
- Blue (46%)



- Cyan (72%)
- Magenta (0%)
- Yellow (47%)
- Black (54%)



- Cyan (87%)
- Magenta (54%)
- Yellow (75%)

Brightness & Saturation Gradients

These gradients show how the Hex color 21763F 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 21763F by changing the saturation by 10% instead.

 21763F

 21763F

FFFFFF

 005D28

 5AAB70

 004412

 75C789

 002D00

 90E3A4

 001500

 ACFFBF

 000000

 C8FFDB

 E5FFF7

 21763F

 21763F

 157637

 2D7647

■ 097630

■ 39764E

■ 00762A

■ 447656

■ 50765E

■ 5C7665

■ 68766D

■ 747674

■ 7F767C

■ 8B7684

Harmonies

Analogous

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



577021



21763F



007965

Triad

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



21763F



006CB1



A94946

Complementary

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



21763F



762158

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.



A8456A



21763F



655EA9

Square

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



21763F



0075A6



934E8E



985727

Rectangle

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



21763F



00797E



934E8E



AB4652

Sweetspot

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



21763F



779983



587621



394D40



CCCCCC



4D4D4D

Same Dimension

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



21763F



159944



217669



353B37



007A2B



00FA58

Inverse Universe

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



762158



99156B



76212E



3B3539



7A004F



FA00A2

Previews

White Background



This preview shows how the Hex color 21763F looks on a white background.

Color Contrast Check

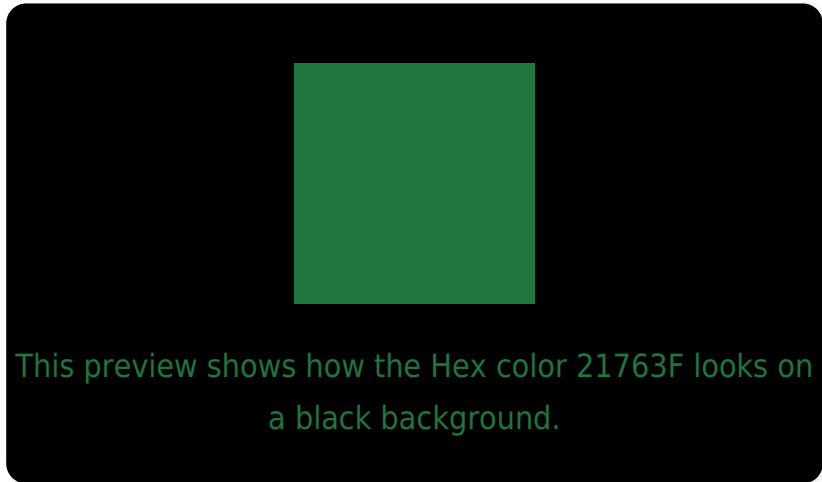
Large Text (above 18pt) WCAG AA ✓ Pass

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 21763F Background



This preview shows how black text looks on a background with the Hex color 21763F.



This preview shows how white text looks on a background with the Hex color 21763F.

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
21763F

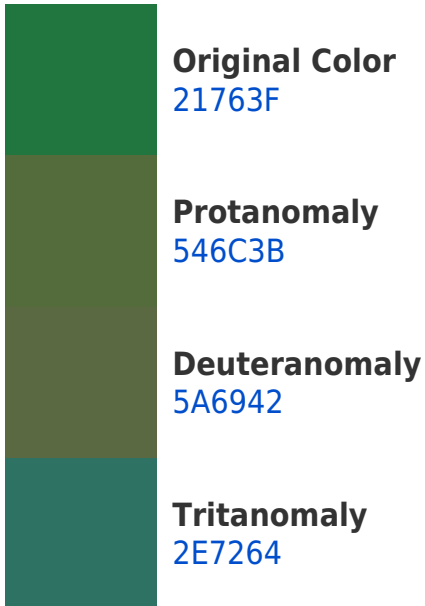
Protanopia
716739

Deuteranopia
7B6244

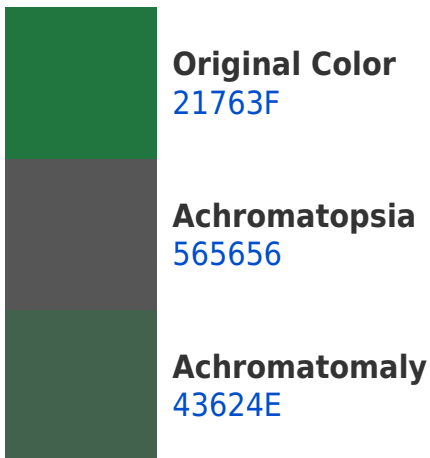


Tritanopia
367079

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 21763F 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 #21763F looks like.

```
.text, #text, p{  
    color:#21763F  
}
```

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 #21763F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #21763F
}
```

Border

The CSS property to change the border of an element to Hex 21763F 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
#21763F }
```

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

```
.border{ border-color:#21763F }
```

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

Here you see how a box with a 4 pixel #21763F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #21763F; -webkit-box-shadow:4px 4px  
4px 4px #21763F; box-shadow:4px 4px 4px  
4px #21763F }
```

Background

The CSS property to change the background color of an element to Hex 21763F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#21763F }
```

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

```
.background{ background-color:#21763F }
```

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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