

# Converting Colors

Hex(18725F)

Have a look what the booklet for  
Hex(18725F) contains.

<b>Hex(18725F)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	11
<b><i>Previews</i></b> .....	23
<b><i>Color Blindness Simulation</i></b> .....	26
<b><i>CSS Examples</i></b> .....	29

# Color

Hex(18725F)

# Conversions

## Conversions Part 1

Format	Color
Hex	18725F
RGB	24, 114, 95
RGB Percent	9%, 45%, 37%
CMY	0.9059, 0.5529, 0.6275
CMYK	0.79, 0.00, 0.17, 0.55
HSL	167°, 65%, 27%
HSV	167°, 79%, 45%
XYZ	8.4596, 13.0550, 12.9005
YIQ	84.9240, -47.5410, -24.9890

# Conversions

## Conversions Part 2

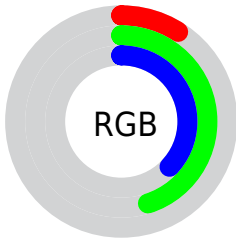
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	24, 74, 114
Decimal	1602143
CIE <sub>Lab</sub>	42.85, -30.41, 3.23
CIE <sub>LCh</sub>	43, 30.577, 173.939
Yxy	13.0550, 0.2458, 0.3793
Android (android.graphics.Color)	4279792223 (0xFF18725F)
YUV	84.9240, 4.9675, -53.4303
Hunter-Lab	36.1318, -21.4382, 4.1233

# Details

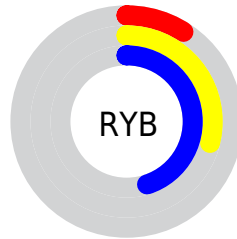
The Hex color **18725F** is a dark color, and the websafe version is hex **006666**. A complement of this color would be **72182B**, and the grayscale version is **555555**.

A 20% lighter version of the original color is **54A791**, and **004131** is the 20% darker color. If you saturate the color by 10%, you get **0D725D**, and if you desaturate by 10%, it is **237261**.

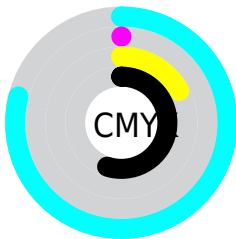
# Distribution



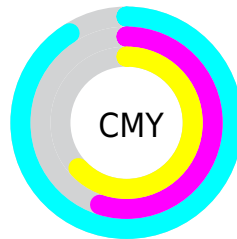
- Red (9%)
- Green (45%)
- Blue (37%)



- Red (9%)
- Yellow (29%)
- Blue (45%)



- Cyan (79%)
- Magenta (0%)
- Yellow (17%)
- Black (55%)



- Cyan (91%)
- Magenta (55%)
- Yellow (63%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 18725F 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 18725F by changing the saturation by 10% instead.





18725F



18725F

FFFFFF



005947



54A791



004131



6FC2AC



002A1C



8BDEC7



001202



A7FBE3



000000



C3FFFF



E0FFFF



FEFFFF



18725F



18725F

■ 0D725D

■ 237261

■ 01725A

■ 2F7264

■ 00725A

■ 3A7266

■ 467269

■ 51726B

■ 5C726D

■ 687270

■ 737272

■ 7F7275

# Harmonies

## Analogous

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



436F46



18725F



007279

# Triad

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



18725F



606193



8C593D

# Complementary

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



18725F



72182B

# 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.



955252



18725F



805783

# Square

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



18725F



316997



92516B



796232

# Rectangle

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



18725F



007187



92516B



905643



# Sweetspot

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



18725F



70948C



2C7218



354A45



C9C9C9



4A4A4A



# Same Dimension

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



18725F



079476



185872



323837



00785F



00F7C3



# Inverse Universe

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



72182B



940725



723218



383234



780019



F70034



# Previews

## White Background



This preview shows how the Hex color 18725F looks on a white background.

## Color Contrast Check

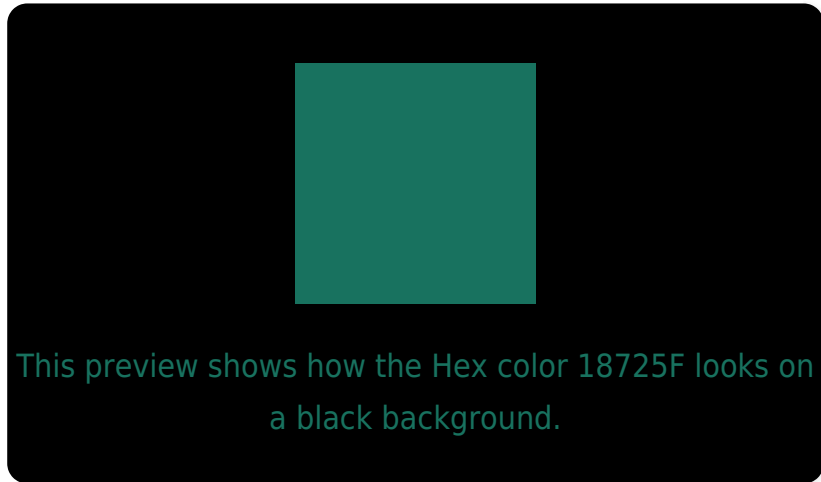
Large Text (above 18pt) WCAG AA ✓ Pass

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

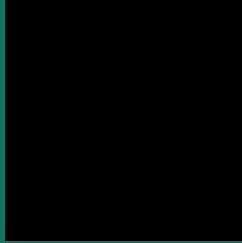
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 18725F Background



This preview shows how black text looks on a background with the Hex color 18725F.

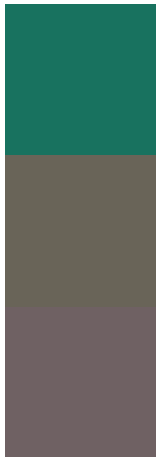


This preview shows how white text looks on a background with the Hex color 18725F.

# 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**  
18725F

**Protanopia**  
696458

**Deuteranopia**  
6F6163



**Tritanopia**  
276F78

# Trichromacy



**Original Color**  
18725F

**Protanomaly**  
4C695B

**Deuteranomaly**  
4F6762

**Tritanomaly**  
22706F

# Monochromacy



**Original Color**  
18725F

**Achromatopsia**  
555555

**Achromatomaly**  
3F6059

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 18725F 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 #18725F looks like.

```
.text, #text, p{  
    color:#18725F  
}
```

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 #18725F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #18725F
}
```

## Border

The CSS property to change the border of an element to Hex 18725F 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
#18725F }
```

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

```
.border{ border-color:#18725F }
```

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

Here you see how a box with a 4 pixel #18725F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #18725F; -webkit-box-shadow:4px 4px  
4px 4px #18725F; box-shadow:4px 4px 4px  
4px #18725F }
```

# Background

The CSS property to change the background color of an element to Hex 18725F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#18725F }
```

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

```
.background{ background-color:#18725F }
```

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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