

# Converting Colors

Hex(25715F)

Have a look what the booklet for  
Hex(25715F) contains.

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# Color

**Hex(25715F)**

# Conversions

## Conversions Part 1

Format	Color
Hex	25715F
RGB	37, 113, 95
RGB Percent	15%, 44%, 37%
CMY	0.8549, 0.5569, 0.6275
CMYK	0.67, 0.00, 0.16, 0.56
HSL	166°, 51%, 29%
HSV	166°, 67%, 44%
XYZ	8.7336, 13.0298, 12.8812
YIQ	88.2240, -39.5180, -21.7100

# Conversions

## Conversions Part 2

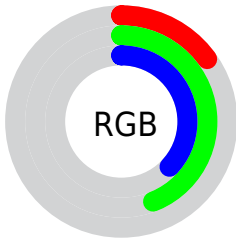
<b>Format</b>	<b>Color</b>
<b>RYB</b>	37, 80, 113
Decimal	2453855
CIELab	42.81, -27.86, 3.21
CIElCh	43, 28.042, 173.423
Yxy	13.0298, 0.2521, 0.3761
Android (android.graphics.Color)	4280643935 (0xFF25715F)
YUV	88.2240, 3.3406, -44.9234
Hunter-Lab	36.0968, -19.9813, 4.1101

# Details

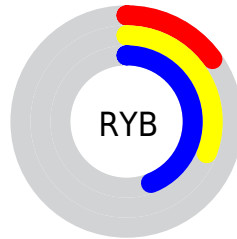
The Hex color **25715F** is a dark color, and the websafe version is hex **006666**. A complement of this color would be **712537**, and the grayscale version is **585858**.

A 20% lighter version of the original color is **5CA591**, and **004031** is the 20% darker color. If you saturate the color by 10%, you get **1A715C**, and if you desaturate by 10%, it is **307162**.

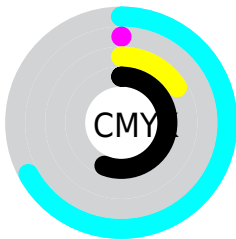
# Distribution



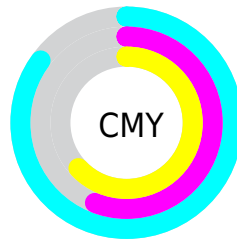
- Red (15%)
- Green (44%)
- Blue (37%)



- Red (15%)
- Yellow (31%)
- Blue (44%)



- Cyan (67%)
- Magenta (0%)
- Yellow (16%)
- Black (56%)



- Cyan (85%)
- Magenta (56%)
- Yellow (63%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 25715F 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 25715F by changing the saturation by 10% instead.





25715F



25715F

FFFFFF



005847



5CA591



004031



77C1AC



002A1C



92DDC7



001202



AEF9E3



000000



CAFFFF



E7FFFF



25715F



25715F



1A715C



307162

■ 0E715A

■ 3C7164

■ 037157

■ 477167

■ 007156

■ 52716A

■ 5E716C

■ 69716F

■ 747172

■ 7F7174

■ 8B7177

# Harmonies

## Analogous

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



466E49



25715F



007177

# Triad

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



25715F



606190



8A5A41

# Complementary

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



25715F



712537

# 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.



925454



25715F



7D5981

# Square

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



25715F



386993



8E536B



786237

# Rectangle

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



25715F



007084



8E536B



8D5746



# Sweetspot

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



25715F



76948D



387125



384A46



C9C9C9



4A4A4A



# Same Dimension

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



25715F



1C9478



255E71



323837



00785B



00F7BD



# Inverse Universe

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



712537



941C38



713825



383234



78001C



F7003B



# Previews

## White Background



This preview shows how the Hex color 25715F looks on a white background.

## Color Contrast Check

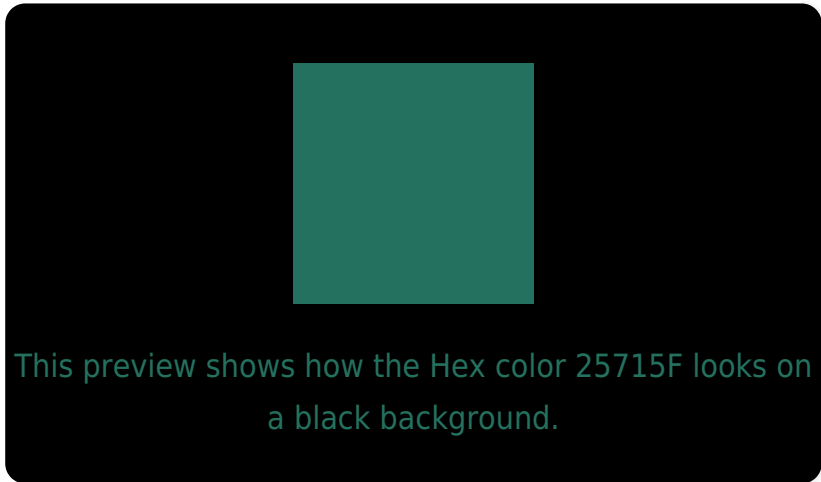
Large Text (above 18pt) WCAG AA ✓ Pass

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

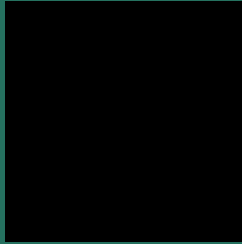
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 25715F Background



This preview shows how black text looks on a background with the Hex color 25715F.



This preview shows how white text looks on a background with the Hex color 25715F.

# 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**  
25715F

**Protanopia**  
696458

**Deuteranopia**  
6F6162



**Tritanopia**  
306E77

# Trichromacy



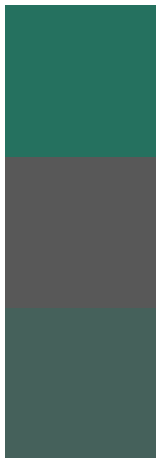
**Original Color**  
25715F

**Protanomaly**  
50695B

**Deuteranomaly**  
546761

**Tritanomaly**  
2C6F6E

# Monochromacy



**Original Color**  
25715F

**Achromatopsia**  
585858

**Achromatomaly**  
45615B

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 25715F 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 #25715F looks like.

```
.text, #text, p{  
  color:#25715F  
}
```

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 #25715F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #25715F
}
```

## Border

The CSS property to change the border of an element to Hex 25715F 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
#25715F }
```

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

```
.border{ border-color:#25715F }
```

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

Here you see how a box with a 4 pixel #25715F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #25715F; -webkit-box-shadow:4px 4px  
4px 4px #25715F; box-shadow:4px 4px 4px  
4px #25715F }
```

# Background

The CSS property to change the background color of an element to Hex 25715F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#25715F }
```

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

```
.background{ background-color:#25715F }
```

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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