

# Converting Colors

Hex(1D775C)

Have a look what the booklet for  
Hex(1D775C) contains.

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# Color

Hex(1D775C)

# Conversions

## Conversions Part 1

Format	Color
Hex	1D775C
RGB	29, 119, 92
RGB Percent	11%, 47%, 36%
CMY	0.8863, 0.5333, 0.6392
CMYK	0.76, 0.00, 0.23, 0.53
HSL	162°, 61%, 29%
HSV	162°, 76%, 47%
XYZ	9.0353, 14.2276, 12.3952
YIQ	89.0120, -44.9730, -27.4770

# Conversions

## Conversions Part 2

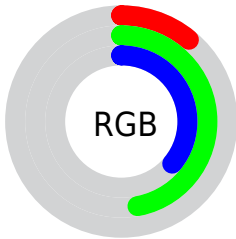
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	29, 82, 119
Decimal	1931100
CIE <sub>Lab</sub>	44.56, -32.83, 7.48
CIE <sub>LCh</sub>	45, 33.671, 167.167
Yxy	14.2276, 0.2534, 0.3990
Android (android.graphics.Color)	4280121180 (0xFF1D775C)
YUV	89.0120, 1.4731, -52.6305
Hunter-Lab	37.7195, -23.2513, 6.9200

# Details

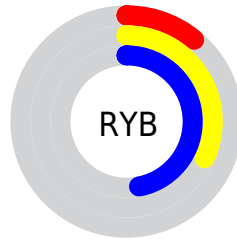
The Hex color **1D775C** is a dark color, and the websafe version is hex **006633**. A complement of this color would be **771D38**, and the grayscale version is **595959**.

A 20% lighter version of the original color is **58AC8E**, and **00462E** is the 20% darker color. If you saturate the color by 10%, you get **117758**, and if you desaturate by 10%, it is **297760**.

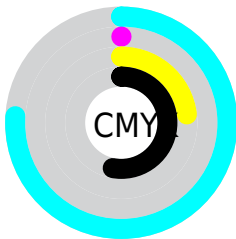
# Distribution



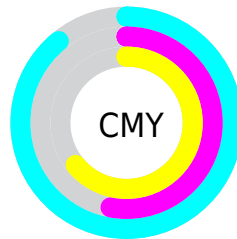
- Red (11%)
- Green (47%)
- Blue (36%)



- Red (11%)
- Yellow (32%)
- Blue (47%)



- Cyan (76%)
- Magenta (0%)
- Yellow (23%)
- Black (53%)



- Cyan (89%)
- Magenta (53%)
- Yellow (64%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 1D775C 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 1D775C by changing the saturation by 10% instead.



 1D775C

 1D775C

FFFFFF

 005E44

 58AC8E

 00462E

 73C8A9

 002E19

 8FE4C4

 001900

 ABFFE0


 000000

 C7FFFC

 E4FFFF

 1D775C

 1D775C

 117758

 297760

■ 057755

■ 357763

■ 007753

■ 417767

■ 4D776A

■ 58776E

■ 647771

■ 707775

■ 7C7779

■ 88777C

# Harmonies

## Analogous

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



4B7342



1D775C



007879

# Triad

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



1D775C



58679F



975A41

# Complementary

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



1D775C



771D38

# 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.



9F535A



1D775C



805C90

# Square

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



1D775C



1570A0



975477



856432

# Rectangle

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



1D775C



00778A



975477



9B5749



# Sweetspot

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



1D775C



789C91



38771D



394F48



CFCFCF



4F4F4F



# Same Dimension

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



1D775C



0E9C71



1D6577



353B39



007A56



00FAAF



# Inverse Universe

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



771D38



9C0E38



772F1D



3B3537



7A0025



FA004B



# Previews

## White Background



This preview shows how the Hex color 1D775C 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

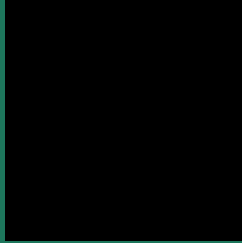
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 1D775C Background



This preview shows how black text looks on a background with the Hex color 1D775C.



This preview shows how white text looks on a background with the Hex color 1D775C.

# 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**  
1D775C

**Protanopia**  
6F6955

**Deuteranopia**  
766560



**Tritanopia**  
2E737C

# Trichromacy



**Original Color**  
1D775C

**Protanomaly**  
516E58

**Deuteranomaly**  
566C5F

**Tritanomaly**  
287470

# Monochromacy



**Original Color**  
1D775C

**Achromatopsia**  
595959

**Achromatomaly**  
43645A

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 1D775C 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 #1D775C looks like.

```
.text, #text, p{  
    color:#1D775C  
}
```

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 #1D775C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #1D775C
}
```

## Border

The CSS property to change the border of an element to Hex 1D775C 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
#1D775C }
```

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

```
.border{ border-color:#1D775C }
```

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

Here you see how a box with a 4 pixel #1D775C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #1D775C; -webkit-box-shadow:4px 4px  
4px 4px #1D775C; box-shadow:4px 4px 4px  
4px #1D775C }
```

# Background

The CSS property to change the background color of an element to Hex 1D775C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#1D775C }
```

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

```
.background{ background-color:#1D775C }
```

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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