

# Converting Colors

Hex(1C715E)

Have a look what the booklet for  
Hex(1C715E) contains.

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# Color

Hex(1C715E)

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	1C715E
RGB	28, 113, 94
RGB Percent	11%, 44%, 37%
CMY	0.8902, 0.5569, 0.6314
CMYK	0.75, 0.00, 0.17, 0.56
HSL	167°, 60%, 28%
HSV	167°, 75%, 44%
XYZ	8.4044, 12.8653, 12.6300
YIQ	85.4190, -44.5610, -23.9290

# Conversions

## Conversions Part 2

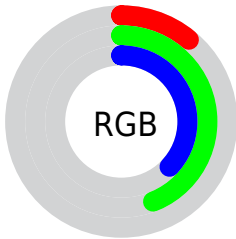
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	28, 76, 113
Decimal	1864030
CIE <sub>Lab</sub>	42.56, -29.66, 3.43
CIE <sub>LCh</sub>	43, 29.855, 173.411
Y <sub>xy</sub>	12.8653, 0.2479, 0.3795
Android (android.graphics.Color)	4280054110 (0xFF1C715E)
<b>YUV</b>	85.4190, 4.2304, -50.3565
Hunter-Lab	35.8682, -20.9444, 4.2305

# Details

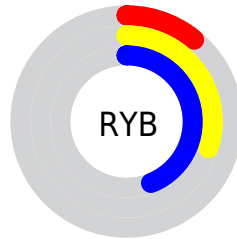
The Hex color **1C715E** is a dark color, and the websafe version is hex **006666**. A complement of this color would be **711C2F**, and the grayscale version is **555555**.

A 20% lighter version of the original color is **56A590**, and **004030** is the 20% darker color. If you saturate the color by 10%, you get **11715B**, and if you desaturate by 10%, it is **277161**.

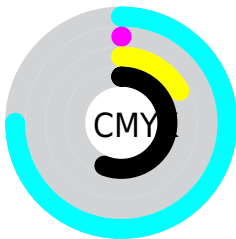
# Distribution



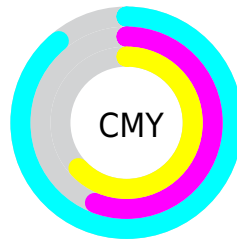
- Red (11%)
- Green (44%)
- Blue (37%)



- Red (11%)
- Yellow (30%)
- Blue (44%)



- Cyan (75%)
- Magenta (0%)
- Yellow (17%)
- Black (56%)



- Cyan (89%)
- Magenta (56%)
- Yellow (63%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 1C715E 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 1C715E by changing the saturation by 10% instead.



 1C715E

 1C715E

FFFFFF

 005846

 56A590

 004030

 71C1AB

 002A1B

 8DDDC6

 001000

 A8FAE2


 000000

 C5FFFF

 E2FFFF

 1C715E

 1C715E

 11715B

 277161

■ 057159

■ 337163

■ 007158

■ 3E7166

■ 497168

■ 55716B

■ 60716D

■ 6B7170

■ 767172

■ 827175

# Harmonies

## Analogous

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



436E46



1C715E



007177

# Triad

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



1C715E



5F6092



8B583E

# Complementary

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



1C715E



711C2F

# 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.



945252



1C715E



7E5782

# Square

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



1C715E



326995



90516B



796133

# Rectangle

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



1C715E



007086



90516B



8F5644



# Sweetspot

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



1C715E



72948C



30711C



354A45



C9C9C9



4A4A4A



# Same Dimension

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



1C715E



0F9476



1C5A71



323837



00785D



00F7C0



# Inverse Universe

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



711C2F



940F2D



71331C



383234



78001B



F70037



# Previews

## White Background



This preview shows how the Hex color 1C715E looks on a white background.

### Color Contrast Check

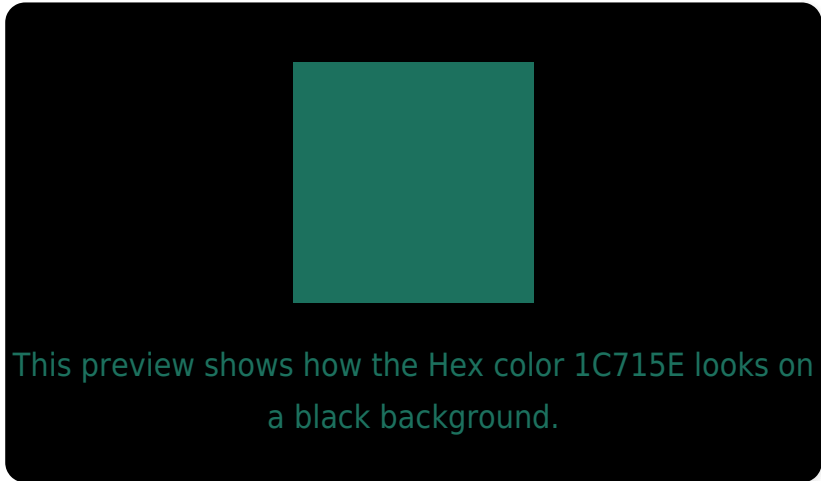
Large Text (above 18pt) WCAG AA ✓ Pass

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

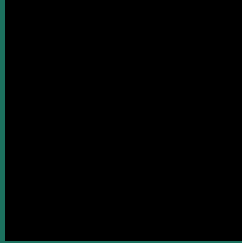
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 1C715E Background



This preview shows how black text looks on a background with the Hex color 1C715E.



This preview shows how white text looks on a background with the Hex color 1C715E.

# 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**  
1C715E

**Protanopia**  
696457

**Deuteranopia**  
6F6162



**Tritanopia**  
2A6E76

# Trichromacy



**Original Color**  
1C715E

**Protanomaly**  
4D695A

**Deuteranomaly**  
516761

**Tritanomaly**  
256F6D

# Monochromacy



**Original Color**  
1C715E

**Achromatopsia**  
555555

**Achromatomaly**  
405F58

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 1C715E 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 #1C715E looks like.

```
.text, #text, p{  
    color:#1C715E  
}
```

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 #1C715E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #1C715E
}
```

## Border

The CSS property to change the border of an element to Hex 1C715E 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
#1C715E }
```

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

```
.border{ border-color:#1C715E }
```

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

Here you see how a box with a 4 pixel #1C715E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #1C715E; -webkit-box-shadow:4px 4px  
4px 4px #1C715E; box-shadow:4px 4px 4px  
4px #1C715E }
```

# Background

The CSS property to change the background color of an element to Hex 1C715E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#1C715E }
```

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

```
.background{ background-color:#1C715E }
```

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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