

# Converting Colors

Hex(1E634D)

Have a look what the booklet for  
Hex(1E634D) contains.

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# Color

Hex(1E634D)

# Conversions

## Conversions Part 1

Format	Color
Hex	1E634D
RGB	30, 99, 77
RGB Percent	12%, 39%, 30%
CMY	0.8824, 0.6118, 0.6980
CMYK	0.70, 0.00, 0.22, 0.61
HSL	161°, 53%, 25%
HSV	161°, 70%, 39%
XYZ	6.3368, 9.7355, 8.5663
YIQ	75.8610, -34.0620, -21.4700

# Conversions

## Conversions Part 2

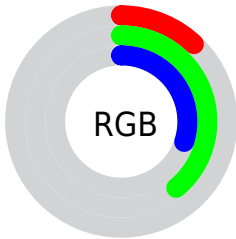
<b>Format</b>	<b>Color</b>
<b>RYB</b>	30, 71, 99
Decimal	1991501
CIELab	37.36, -27.27, 6.31
CIELCh	37, 27.991, 166.978
Yxy	9.7355, 0.2572, 0.3951
Android (android.graphics.Color)	4280181581 (0xFF1E634D)
YUV	75.8610, 0.5615, -40.2201
Hunter-Lab	31.2018, -18.3513, 5.5634

# Details

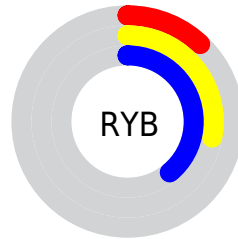
The Hex color **1E634D** is a dark color, and the websafe version is hex **006666**. A complement of this color would be **631E34**, and the grayscale version is **4C4C4C**.

A 20% lighter version of the original color is **54967E**, and **003421** is the 20% darker color. If you saturate the color by 10%, you get **14634A**, and if you desaturate by 10%, it is **286350**.

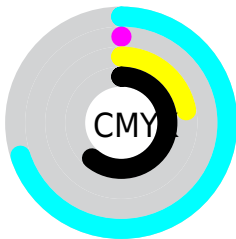
# Distribution



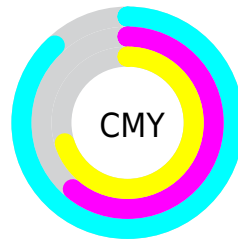
- Red (12%)
- Green (39%)
- Blue (30%)



- Red (12%)
- Yellow (28%)
- Blue (39%)



- Cyan (70%)
- Magenta (0%)
- Yellow (22%)
- Black (61%)



- Cyan (88%)
- Magenta (61%)
- Yellow (70%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 1E634D 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 1E634D by changing the saturation by 10% instead.



 1E634D

 1E634D

FFFFFF

 004B36

 54967E

 003421

 6EB198

 00200A

 89CDB3

 000000

 A4E9CE

 C0FFEA

 DCFFFF

 F9FFFF

 1E634D

 1E634D

■ 14634A

■ 286350

■ 0A6347

■ 326353

■ 006344

■ 3C6356

■ 006343

■ 46635A

■ 50635D

■ 596360

■ 636363

■ 6D6366

■ 776369

# Harmonies

## Analogous

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



406038



1E634D



006464

# Triad

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



1E634D



4B5683



7D4B38

# Complementary

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



1E634D



631E34

# 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.



83464C



1E634D



6A4D77

# Square

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



1E634D



1B5D84



7D4763



6E532C

# Rectangle

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



1E634D



006372



7D4763



80493E



# Sweetspot

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



1E634D



658077



35631E



30403B



BFBFBF



404040



# Same Dimension

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



1E634D



14805D



1E5863



2C302F



00704C



00F0A3



# Inverse Universe

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



631E34



801437



632A1E



302C2D



700024

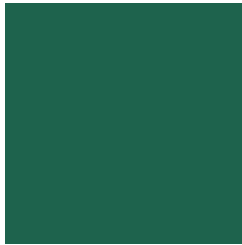


F0004C



# Previews

## White Background



This preview shows how the Hex color 1E634D 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 ✓ Pass

# Black Background



## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

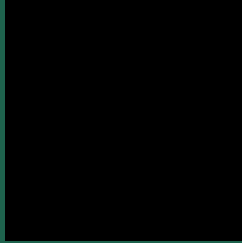
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 1E634D Background



This preview shows how black text looks on a background with the Hex color 1E634D.

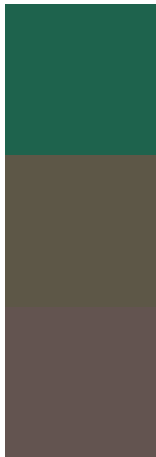


This preview shows how white text looks on a background with the Hex color 1E634D.

# 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**  
1E634D

**Protanopia**  
5D5747

**Deuteranopia**  
635450



**Tritanopia**  
2A5F67

# Trichromacy



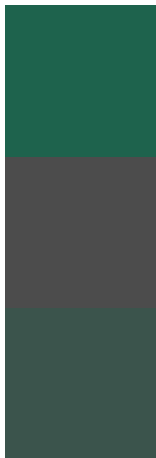
**Original Color**  
1E634D

**Protanomaly**  
465B49

**Deuteranomaly**  
4A594F

**Tritanomaly**  
26605E

# Monochromacy



**Original Color**  
1E634D

**Achromatopsia**  
4C4C4C

**Achromatomaly**  
3B544C

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 1E634D 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 #1E634D looks like.

```
.text, #text, p{  
    color:#1E634D  
}
```

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 #1E634D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #1E634D
}
```

## Border

The CSS property to change the border of an element to Hex 1E634D 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
#1E634D }
```

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

```
.border{ border-color:#1E634D }
```

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

Here you see how a box with a 4 pixel #1E634D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #1E634D; -webkit-box-shadow:4px 4px  
4px 4px #1E634D; box-shadow:4px 4px 4px  
4px #1E634D }
```

# Background

The CSS property to change the background color of an element to Hex 1E634D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#1E634D }
```

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

```
.background{ background-color:#1E634D }
```

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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