

Converting Colors

Hex(174D2D)

Have a look what the booklet for
Hex(174D2D) contains.

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Color

Hex(174D2D)

Conversions

Conversions Part 1

Format	Color
Hex	174D2D
RGB	23, 77, 45
RGB Percent	9%, 30%, 18%
CMY	0.9098, 0.6980, 0.8235
CMYK	0.70, 0.00, 0.42, 0.70
HSL	144°, 54%, 20%
HSV	144°, 70%, 30%
XYZ	3.4809, 5.6794, 3.3954
YIQ	57.2060, -21.9120, -21.4000

Conversions

Conversions Part 2

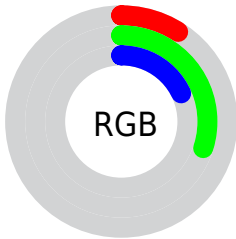
Format	Color
RYB	23, 61, 77
Decimal	1527085
CIELab	28.59, -26.15, 13.93
CIElCh	29, 29.627, 151.963
Yxy	5.6794, 0.2772, 0.4523
Android (android.graphics.Color)	4279717165 (0xFF174D2D)
YUV	57.2060, -6.0176, -29.9987
Hunter-Lab	23.8314, -15.6329, 8.2346

Details

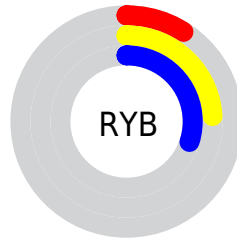
The Hex color **174D2D** is a dark color, and the websafe version is hex **336633**. A complement of this color would be **4D1737**, and the grayscale version is **393939**.

A 20% lighter version of the original color is **497F5B**, and **002100** is the 20% darker color. If you saturate the color by 10%, you get **0F4D28**, and if you desaturate by 10%, it is **1F4D32**.

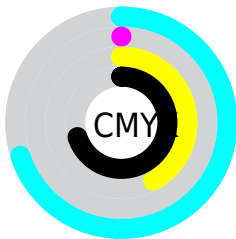
Distribution



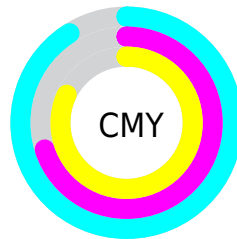
- Red (9%)
- Green (30%)
- Blue (18%)



- Red (9%)
- Yellow (24%)
- Blue (30%)



- Cyan (70%)
- Magenta (0%)
- Yellow (42%)
- Black (70%)



- Cyan (91%)
- Magenta (70%)
- Yellow (82%)

Brightness & Saturation Gradients

These gradients show how the Hex color 174D2D 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 174D2D by changing the saturation by 10% instead.

 174D2D

 174D2D

FFFFFF

 003618

 497F5B

 002100

 639974

 000000

 7DB48D

 97CFA8

 B2ECC3

 CEFFDF

 EBFFFC

 174D2D

 174D2D

■ 0F4D28

■ 1F4D32

■ 084D24

■ 264D36

■ 004D1F

■ 2E4D3B

■ 364D3F

■ 3E4D44

■ 454D48

■ 4D4D4D

■ 554D52

■ 5C4D56

Harmonies

Analogous

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



37491B



174D2D



004F44

Triad

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



174D2D



174571



6C322D

Complementary

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



174D2D



4D1737

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.



6D2F43



174D2D



463D6A

Square

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



174D2D



004B6B



613459



613A1B

Rectangle

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



174D2D



004F54



613459



6E3034

Sweetspot

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



174D2D



4F6357



374D17



26332B



B3B3B3



333333

Same Dimension

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



174D2D



106332



174D48



222624



00662A



00E65E

Inverse Universe

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



4D1737



631041



4D171C



262225



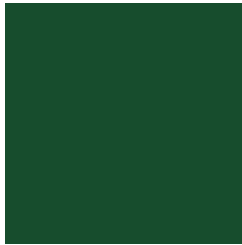
66003C



E60088

Previews

White Background



This preview shows how the Hex color 174D2D looks on a white background.

Color Contrast Check

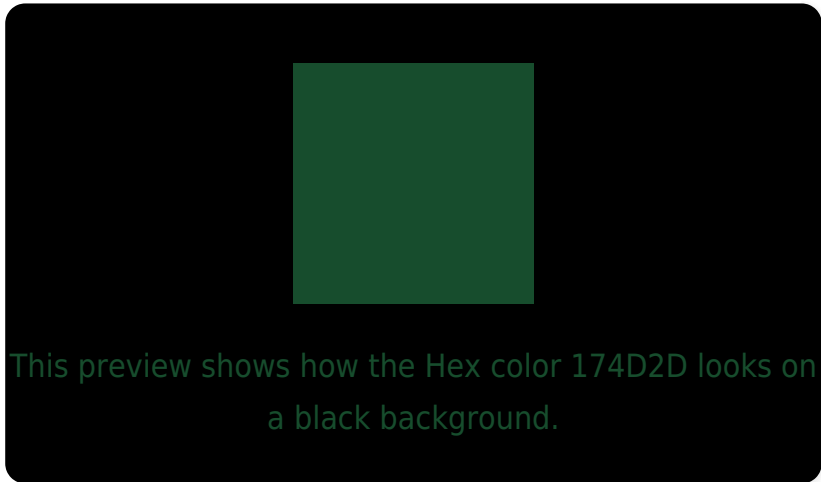
Large Text (above 18pt) WCAG AA ✓ Pass

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

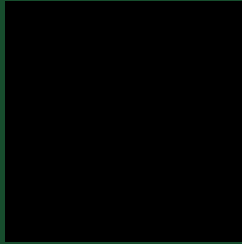
Any Text WCAG AA × Fail

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 174D2D Background



This preview shows how black text looks on a background with the Hex color 174D2D.



This preview shows how white text looks on a background with the Hex color 174D2D.

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](#).

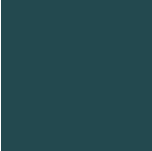
Dichromacy



Original Color
174D2D

Protanopia
494329

Deuteranopia
504030



Tritanopia
23494F

Trichromacy



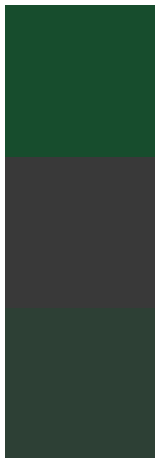
Original Color
174D2D

Protanomaly
37472A

Deuteranomaly
3B452F

Tritanomaly
1F4A43

Monochromacy



Original Color
174D2D

Achromatopsia
393939

Achromatomaly
2D4035

CSS Examples

Text

The CSS property to change the color of the text to Hex 174D2D 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 #174D2D looks like.

```
.text, #text, p{  
    color:#174D2D  
}
```

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 #174D2D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #174D2D
}
```

Border

The CSS property to change the border of an element to Hex 174D2D 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".

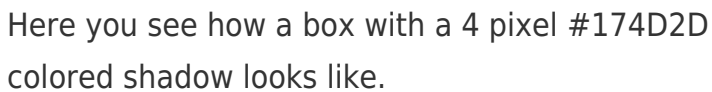
```
.border, #border, table{ border:4px solid
#174D2D }
```

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

```
.border{ border-color:#174D2D }
```

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

Here you see how a box with a 4 pixel #174D2D colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #174D2D; -webkit-box-shadow:4px 4px  
4px 4px #174D2D; box-shadow:4px 4px 4px  
4px #174D2D }
```

Background

The CSS property to change the background color of an element to Hex 174D2D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#174D2D }
```

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

```
.background{ background-color:#174D2D }
```

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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