

Converting Colors

Hex(174D4A)

Have a look what the booklet for
Hex(174D4A) contains.

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Color

Hex(174D4A)

Conversions

Conversions Part 1

Format	Color
Hex	174D4A
RGB	23, 77, 74
RGB Percent	9%, 30%, 29%
CMY	0.9098, 0.6980, 0.7098
CMYK	0.70, 0.00, 0.04, 0.70
HSL	177°, 54%, 20%
HSV	177°, 70%, 30%
XYZ	4.2433, 5.9843, 7.4100
YIQ	60.5120, -31.2210, -12.3810

Conversions

Conversions Part 2

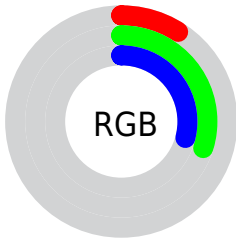
Format	Color
R_{YB}	23, 51, 77
Decimal	1527114
CIE _{Lab}	29.37, -18.20, -3.43
CIE _{LCh}	29, 18.518, 190.661
Yxy	5.9843, 0.2406, 0.3393
Android (android.graphics.Color)	4279717194 (0xFF174D4A)
YUV	60.5120, 6.6496, -32.8980
Hunter-Lab	24.4629, -11.8480, -0.8354

Details

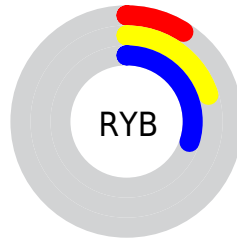
The Hex color **174D4A** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **4D171A**, and the grayscale version is **3C3C3C**.

A 20% lighter version of the original color is **4B7E7B**, and **00211E** is the 20% darker color. If you saturate the color by 10%, you get **0F4D4A**, and if you desaturate by 10%, it is **1F4D4A**.

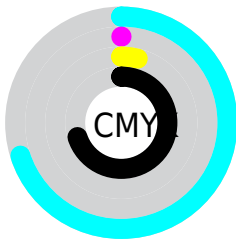
Distribution



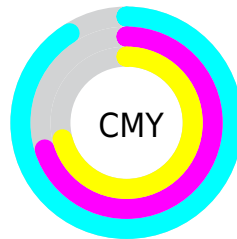
- Red (9%)
- Green (30%)
- Blue (29%)



- Red (9%)
- Yellow (20%)
- Blue (30%)



- Cyan (70%)
- Magenta (0%)
- Yellow (4%)
- Black (70%)



- Cyan (91%)
- Magenta (70%)
- Yellow (71%)

Brightness & Saturation Gradients

These gradients show how the Hex color 174D4A 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 174D4A by changing the saturation by 10% instead.

■ 174D4A

■ 174D4A

FFFFFF

■ 003633

■ 4B7E7B

■ 00211E

■ 649894

■ 000006

■ 7EB3AF

■ 000000

■ 99CFCA

■ B5EBE6

■ D1FFFF

■ EDFFFF

■ 174D4A

■ 174D4A

■ 0F4D4A

■ 1F4D4A

■ 084D49

■ 264D4B

■ 004D49

■ 2E4D4B

■ 364D4C

■ 3E4D4C

■ 454D4D

■ 4D4D4D

■ 554D4D

■ 5C4D4E

Harmonies

Analogous

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



294C3B



174D4A



114C57

Triad

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



174D4A



4E405B



57412A

Complementary

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



174D4A



4D171A

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.



5F3D33



174D4A



5B3B4F

Square

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



174D4A



394561



613A41



4A4629

Rectangle

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



174D4A



1B4A5E



613A41



5A3F2D

Sweetspot

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



174D4A



4F6362



1B4D17



263332



B3B3B3



333333

Same Dimension

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



174D4A



10635F



17364D



222626



006660



00E6D9

Inverse Universe

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



4D171A



631015



4D2E17



262223



660006



E6000D

Previews

White Background



This preview shows how the Hex color 174D4A 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

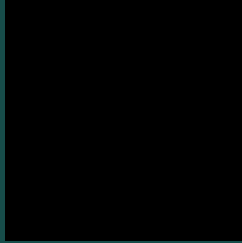
Any Text WCAG AA × Fail

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 174D4A Background



This preview shows how black text looks on a background with the Hex color 174D4A.



This preview shows how white text looks on a background with the Hex color 174D4A.

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](#).

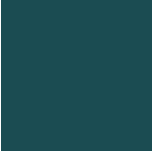
Dichromacy



Original Color
174D4A

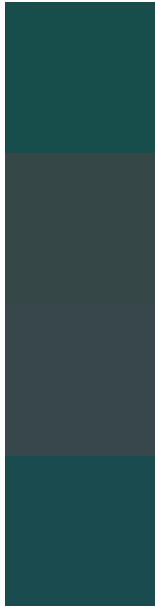
Protanopia
464545

Deuteranopia
49434C



Tritanopia
1B4C52

Trichromacy



Original Color
174D4A

Protanomaly
354847

Deuteranomaly
37474B

Tritanomaly
1A4C4F

Monochromacy



Original Color
174D4A

Achromatopsia
3D3D3D

Achromatomaly
2F4342

CSS Examples

Text

The CSS property to change the color of the text to Hex 174D4A 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 #174D4A looks like.

```
.text, #text, p{  
    color:#174D4A  
}
```

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 #174D4A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #174D4A
}
```

Border

The CSS property to change the border of an element to Hex 174D4A 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".

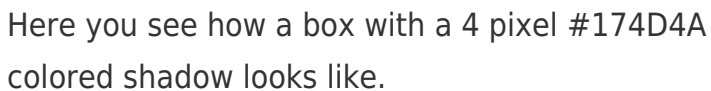
```
.border, #border, table{ border:4px solid
#174D4A }
```

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

```
.border{ border-color:#174D4A }
```

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

Here you see how a box with a 4 pixel #174D4A colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #174D4A; -webkit-box-shadow:4px 4px  
4px 4px #174D4A; box-shadow:4px 4px 4px  
4px #174D4A }
```

Background

The CSS property to change the background color of an element to Hex 174D4A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#174D4A }
```

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

```
.background{ background-color:#174D4A }
```

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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