

Converting Colors

Hex(174B24)

Have a look what the booklet for
Hex(174B24) contains.

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Color

Hex(174B24)

Conversions

Conversions Part 1

Format	Color
Hex	174B24
RGB	23, 75, 36
RGB Percent	9%, 29%, 14%
CMY	0.9098, 0.7059, 0.8588
CMYK	0.69, 0.00, 0.52, 0.71
HSL	135°, 53%, 19%
HSV	135°, 69%, 29%
XYZ	3.1879, 5.3417, 2.5321
YIQ	55.0060, -18.4730, -23.1530

Conversions

Conversions Part 2

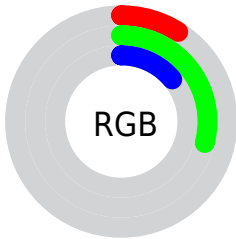
Format	Color
R_{YB}	23, 65, 75
Decimal	1526564
CIE _{Lab}	27.69, -27.06, 18.24
CIE _{LCh}	28, 32.630, 146.024
Yxy	5.3417, 0.2882, 0.4829
Android (android.graphics.Color)	4279716644 (0xFF174B24)
YUV	55.0060, -9.3700, -28.0693
Hunter-Lab	23.1121, -15.8256, 9.6828

Details

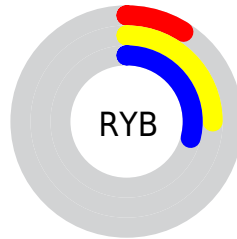
The Hex color **174B24** is a dark color, and the websafe version is hex **003300**. A complement of this color would be **4B173E**, and the grayscale version is **373737**.

A 20% lighter version of the original color is **497C51**, and **002000** is the 20% darker color. If you saturate the color by 10%, you get **104B1E**, and if you desaturate by 10%, it is **1F4B2A**.

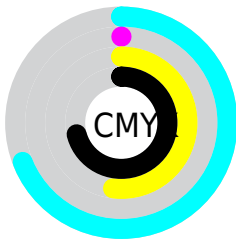
Distribution



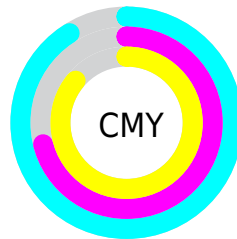
- Red (9%)
- Green (29%)
- Blue (14%)



- Red (9%)
- Yellow (25%)
- Blue (29%)



- Cyan (69%)
- Magenta (0%)
- Yellow (52%)
- Black (71%)



- Cyan (91%)
- Magenta (71%)
- Yellow (86%)

Brightness & Saturation Gradients

These gradients show how the Hex color 174B24 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 174B24 by changing the saturation by 10% instead.



174B24



174B24

FFFFFF



00340F



497C51



002000



62976A



000000



7CB183



97CD9D



B2E9B8



CEFFD4



EBFFF0



174B24



174B24

■ 104B1E

■ 1F4B2A

■ 084B19

■ 264B2F

■ 014B13

■ 2E4B35

■ 004B13

■ 354B3B

■ 3D4B40

■ 444B46

■ 4C4B4B

■ 534B51

■ 5B4B57

Harmonies

Analogous

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



394610



174B24



004D3D

Triad

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



174B24



004573



6E2C2D

Complementary

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



174B24



4B173E

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.



6D2A46



174B24



3C3C6F

Square

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



174B24



004B6A



5D315E



643518

Rectangle

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



174B24



004D4E



5D315E



6F2B35

Sweetspot

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



174B24



4D6152



3E4B17



243027



B0B0B0



303030

Same Dimension

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



174B24



106125



174B3E



222623



00661A



00E639

Inverse Universe

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



4B173E



61104D



4B1724



262225



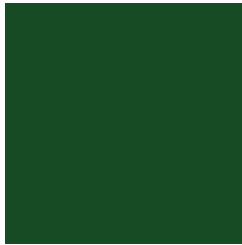
66004D



E600AC

Previews

White Background



This preview shows how the Hex color 174B24 looks on a white background.

Color Contrast Check

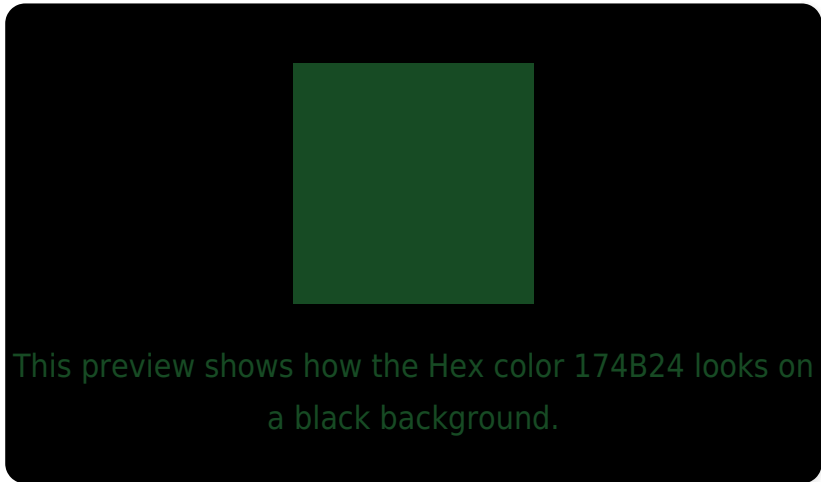
Large Text (above 18pt) WCAG AA ✓ Pass

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

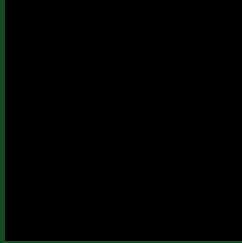
Any Text WCAG AA × Fail

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 174B24 Background



This preview shows how black text looks on a background with the Hex color 174B24.



This preview shows how white text looks on a background with the Hex color 174B24.

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
174B24

Protanopia
484121

Deuteranopia
4F3E27



Tritanopia
24474C

Trichromacy



Original Color
174B24

Protanomaly
364522

Deuteranomaly
3B4326

Tritanomaly
1F483D

Monochromacy



Original Color
174B24

Achromatopsia
373737

Achromatomaly
2B3E30

CSS Examples

Text

The CSS property to change the color of the text to Hex 174B24 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 #174B24 looks like.

```
.text, #text, p{  
    color:#174B24  
}
```

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 #174B24 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #174B24
}
```

Border

The CSS property to change the border of an element to Hex 174B24 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
#174B24 }
```

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

```
.border{ border-color:#174B24 }
```

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

Here you see how a box with a 4 pixel #174B24 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #174B24; -webkit-box-shadow:4px 4px  
4px 4px #174B24; box-shadow:4px 4px 4px  
4px #174B24 }
```

Background

The CSS property to change the background color of an element to Hex 174B24 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#174B24 }
```

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

```
.background{ background-color:#174B24 }
```

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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