

Converting Colors

Hex(174250)

Have a look what the booklet for
Hex(174250) contains.

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Color

Hex(174250)

Conversions

Conversions Part 1

Format	Color
Hex	174250
RGB	23, 66, 80
RGB Percent	9%, 26%, 31%
CMY	0.9098, 0.7412, 0.6863
CMYK	0.71, 0.18, 0.00, 0.69
HSL	195°, 55%, 20%
HSV	195°, 71%, 31%
XYZ	3.7495, 4.6578, 8.2908
YIQ	54.7390, -30.1220, -4.7620

Conversions

Conversions Part 2

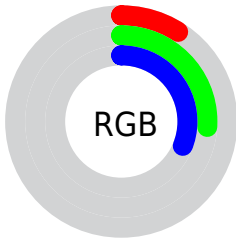
Format	Color
R_{YB}	23, 48, 80
Decimal	1524304
CIE _{Lab}	25.74, -9.69, -12.81
CIE _{LCh}	26, 16.063, 232.895
Yxy	4.6578, 0.2245, 0.2789
Android (android.graphics.Color)	4279714384 (0xFF174250)
YUV	54.7390, 12.4537, -27.8351
Hunter-Lab	21.5819, -6.7566, -7.6694

Details

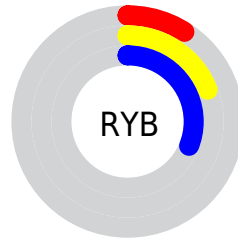
The Hex color **174250** is a dark color, and the websafe version is hex **003333**. A complement of this color would be **502517**, and the grayscale version is **373737**.

A 20% lighter version of the original color is **4A7281**, and **001823** is the 20% darker color. If you saturate the color by 10%, you get **0F4050**, and if you desaturate by 10%, it is **1F4450**.

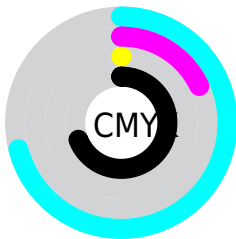
Distribution



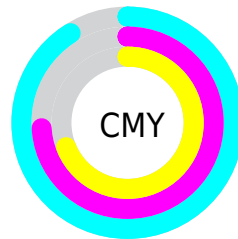
- Red (9%)
- Green (26%)
- Blue (31%)



- Red (9%)
- Yellow (19%)
- Blue (31%)



- Cyan (71%)
- Magenta (18%)
- Yellow (0%)
- Black (69%)



- Cyan (91%)
- Magenta (74%)
- Yellow (69%)

Brightness & Saturation Gradients

These gradients show how the Hex color 174250 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 174250 by changing the saturation by 10% instead.

■ 174250

■ 174250

FFFFFF

■ 002C39

■ 4A7281

■ 001823

■ 638B9B

■ 00010D

■ 7DA6B6

■ 000000

■ 98C1D2

■ B4DDEE

■ D0F9FF

■ ECFFFF

■ 174250

■ 174250

■ 0F4050

■ 1F4450

■ 073E50

■ 274650

■ 003C50

■ 2F4850

■ 374A50

■ 3F4C50

■ 474E50

■ 4F5050

■ 575250

■ 5F5450

Harmonies

Analogous

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



144346



174250



283F55

Triad

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



174250



533440



3C3F26

Complementary

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



174250



502517

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.



483B25



174250



553434

Square

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



174250



4A374C



51372A



2E422E

Rectangle

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



174250



353C55



51372A



403E25

Sweetspot

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



174250



536369



175024



283236



B5B5B5



363636

Same Dimension

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



174250



0F5269



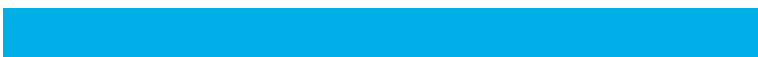
172650



252829



004F69



00AFE8

Inverse Universe

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



501742



690F52



504117



292528



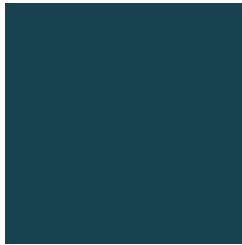
69004F



E800AF

Previews

White Background



This preview shows how the Hex color 174250 looks on a white background.

Color Contrast Check

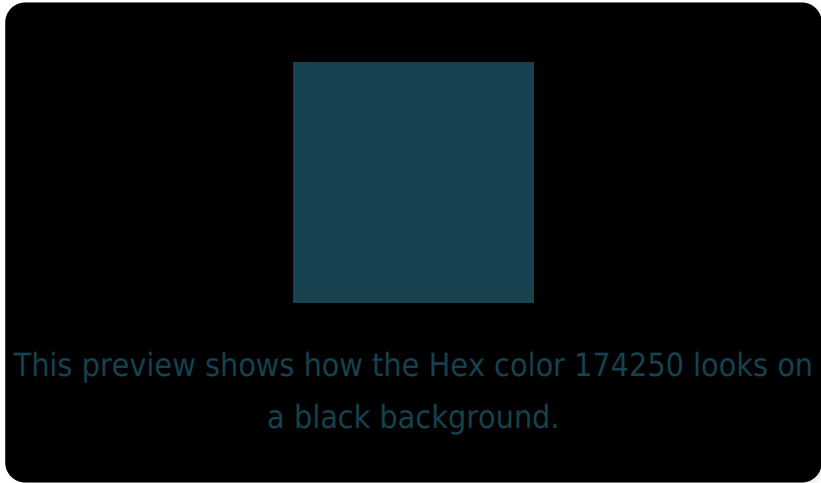
Large Text (above 18pt) WCAG AA ✓ Pass

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

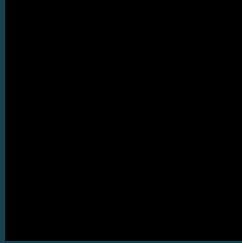
Any Text WCAG AA × Fail

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 174250 Background



This preview shows how black text looks on a background with the Hex color 174250.



This preview shows how white text looks on a background with the Hex color 174250.

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](#).

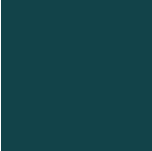
Dichromacy



Original Color
174250

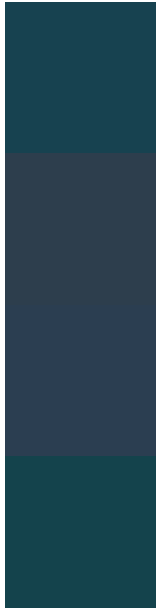
Protanopia
393C4C

Deuteranopia
373C51



Tritanopia
124349

Trichromacy



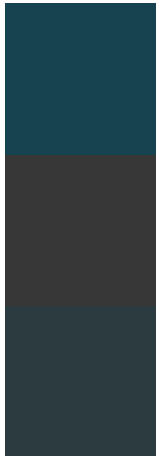
Original Color
174250

Protanomaly
2D3E4D

Deuteranomaly
2B3E51

Tritanomaly
14434C

Monochromacy



Original Color
174250

Achromatopsia
373737

Achromatomaly
2B3B40

CSS Examples

Text

The CSS property to change the color of the text to Hex 174250 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 #174250 looks like.

```
.text, #text, p{  
    color:#174250  
}
```

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 #174250 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #174250
}
```

Border

The CSS property to change the border of an element to Hex 174250 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
#174250 }
```

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

```
.border{ border-color:#174250 }
```

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

Here you see how a box with a 4 pixel #174250 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #174250; -webkit-box-shadow:4px 4px  
4px 4px #174250; box-shadow:4px 4px 4px  
4px #174250 }
```

Background

The CSS property to change the background color of an element to Hex 174250 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#174250 }
```

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

```
.background{ background-color:#174250 }
```

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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