

Converting Colors

Hex(174861)

Have a look what the booklet for
Hex(174861) contains.

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Color

Hex(174861)

Conversions

Conversions Part 1

Format	Color
Hex	174861
RGB	23, 72, 97
RGB Percent	9%, 28%, 38%
CMY	0.9098, 0.7176, 0.6196
CMYK	0.76, 0.26, 0.00, 0.62
HSL	200°, 62%, 24%
HSV	200°, 76%, 38%
XYZ	4.8284, 5.6800, 12.1511
YIQ	60.1990, -37.2290, -2.6130

Conversions

Conversions Part 2

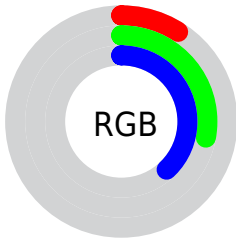
Format	Color
R_{YB}	23, 52, 97
Decimal	1525857
CIE _{Lab}	28.59, -7.02, -19.41
CIE _{LCh}	29, 20.641, 250.116
Yxy	5.6800, 0.2131, 0.2507
Android (android.graphics.Color)	4279715937 (0xFF174861)
YUV	60.1990, 18.1429, -32.6235
Hunter-Lab	23.8327, -5.5439, -13.5462

Details

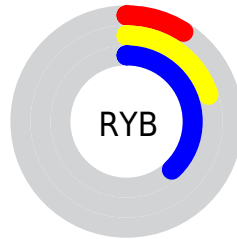
The Hex color **174861** is a dark color, and the websafe version is hex **006699**. A complement of this color would be **613017**, and the grayscale version is **3C3C3C**.

A 20% lighter version of the original color is **4E7894**, and **001D32** is the 20% darker color. If you saturate the color by 10%, you get **0D4561**, and if you desaturate by 10%, it is **214B61**.

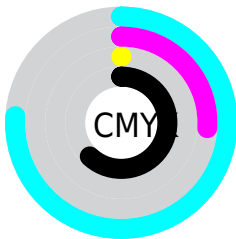
Distribution



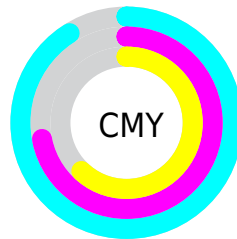
- Red (9%)
- Green (28%)
- Blue (38%)



- Red (9%)
- Yellow (20%)
- Blue (38%)



- Cyan (76%)
- Magenta (26%)
- Yellow (0%)
- Black (62%)



- Cyan (91%)
- Magenta (72%)
- Yellow (62%)

Brightness & Saturation Gradients

These gradients show how the Hex color 174861 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 174861 by changing the saturation by 10% instead.

■ 174861

■ 174861

FFFFFF

■ 003249

■ 4E7894

■ 001D32

■ 6892AE

■ 00021E

■ 82ADCA

■ 000000

■ 9DC8E6

■ B9E4FF

■ D6FFFF

■ F2FFFF

■ 174861

■ 174861

■ 0D4561

■ 214B61

■ 044161

■ 2A4F61

■ 004061

■ 345261

■ 3E5561

■ 485861

■ 515C61

■ 5B5F61

■ 656261

■ 6E6561

Harmonies

Analogous

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



004B57



174861



354363

Triad

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



174861



62373F



37482A

Complementary

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



174861



613017

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.



484424



174861



603A30

Square

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



174861



5C384F



573F26



234B38

Rectangle

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



174861



453F5F



573F26



3D4727

Sweetspot

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



174861



60737D



176130



2E3A40



BFBFBF



404040

Same Dimension

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



174861



0A567D



172361



2C2F30



004A70



009FF0

Inverse Universe

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



611748



7D0A56



615517



302C2F



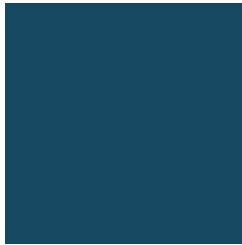
70004A



F0009F

Previews

White Background



This preview shows how the Hex color 174861 looks on a white background.

Color Contrast Check

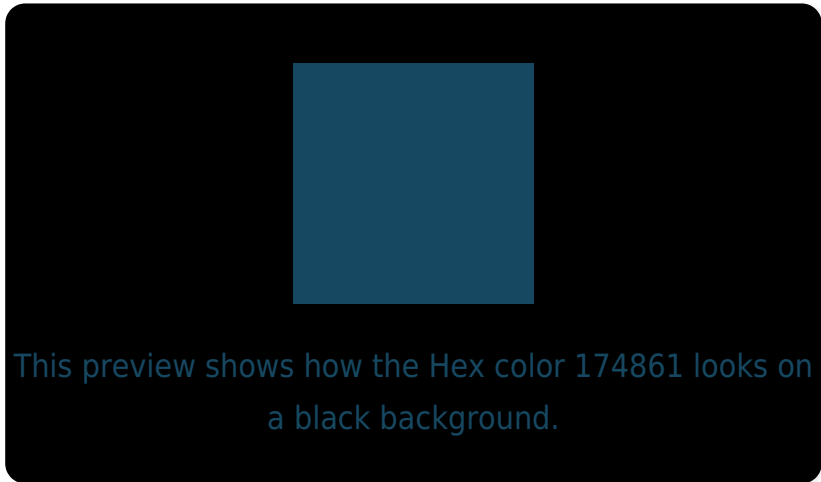
Large Text (above 18pt) WCAG AA ✓ Pass

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

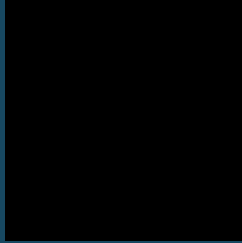
Any Text WCAG AA × Fail

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 174861 Background



This preview shows how black text looks on a background with the Hex color 174861.



This preview shows how white text looks on a background with the Hex color 174861.

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
174861

Protanopia
3C425D

Deuteranopia
374362



Tritanopia
004B51

Trichromacy



Original Color
174861

Protanomaly
2F445E

Deuteranomaly
2B4562

Tritanomaly
084A57

Monochromacy



Original Color
174861

Achromatopsia
3C3C3C

Achromatomaly
2F4049

CSS Examples

Text

The CSS property to change the color of the text to Hex 174861 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 #174861 looks like.

```
.text, #text, p{  
    color:#174861  
}
```

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 #174861 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #174861
}
```

Border

The CSS property to change the border of an element to Hex 174861 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
#174861 }
```

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

```
.border{ border-color:#174861 }
```

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

Here you see how a box with a 4 pixel #174861 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #174861; -webkit-box-shadow:4px 4px  
4px 4px #174861; box-shadow:4px 4px 4px  
4px #174861 }
```

Background

The CSS property to change the background color of an element to Hex 174861 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#174861 }
```

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

```
.background{ background-color:#174861 }
```

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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