

Converting Colors

Hex(173B74)

Have a look what the booklet for
Hex(173B74) contains.

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Color

Hex(173B74)

Conversions

Conversions Part 1

Format	Color
Hex	173B74
RGB	23, 59, 116
RGB Percent	9%, 23%, 45%
CMY	0.9098, 0.7686, 0.5451
CMYK	0.80, 0.49, 0.00, 0.55
HSL	217°, 67%, 27%
HSV	217°, 80%, 45%
XYZ	5.0697, 4.5710, 17.1381
YIQ	54.7340, -39.7530, 10.0950

Conversions

Conversions Part 2

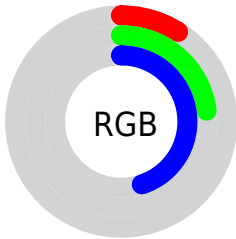
Format	Color
R_{YB}	23, 49, 116
Decimal	1522548
CIE _{Lab}	25.48, 9.44, -36.47
CIE _{LCh}	25, 37.676, 284.507
Yxy	4.5710, 0.1893, 0.1707
Android (android.graphics.Color)	4279712628 (0xFF173B74)
YUV	54.7340, 30.2041, -27.8307
Hunter-Lab	21.3800, 4.9116, -32.5606

Details

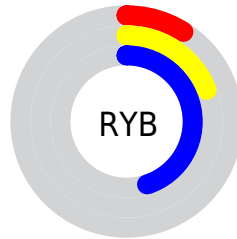
The Hex color **173B74** is a dark color, and the websafe version is hex **003366**. A complement of this color would be **745017**, and the grayscale version is **363636**.

A 20% lighter version of the original color is **526AA9**, and **001143** is the 20% darker color. If you saturate the color by 10%, you get **0B3474**, and if you desaturate by 10%, it is **234274**.

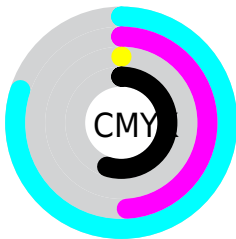
Distribution



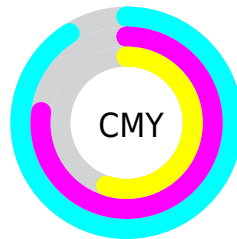
- Red (9%)
- Green (23%)
- Blue (45%)



- Red (9%)
- Yellow (19%)
- Blue (45%)



- Cyan (80%)
- Magenta (49%)
- Yellow (0%)
- Black (55%)



- Cyan (91%)
- Magenta (77%)
- Yellow (55%)

Brightness & Saturation Gradients

These gradients show how the Hex color 173B74 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 173B74 by changing the saturation by 10% instead.



173B74



173B74

FFFFFF



00265B



526AA9



001143



6D83C4



00032C



889DE0



000117



A4B8FD



000000



C0D3FF



DDEFFF



FAFFFF



173B74



173B74

■ 0B3474

■ 234274

■ 002D74

■ 2E4974

■ 3A5074

■ 455774

■ 515F74

■ 5D6674

■ 686D74

■ 747474

■ 7F7B74

Harmonies

Analogous

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



004473



173B74



4F2E65

Triad

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



173B74



682915



00492C

Complementary

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



173B74



745017

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.



1B450F



173B74



563600

Square

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



173B74



6F1F30



3D3F00



00494A

Rectangle

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



173B74



622555



3D3F00



004822

Sweetspot

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



173B74



728096



17744F



363F4D



CCCCCC



4D4D4D

Same Dimension

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



173B74



063E96



201774



35373B



002F7A



0061FA

Inverse Universe

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



74173B



96063E



6B7417



3B3537



7A002F



FA0061

Previews

White Background



This preview shows how the Hex color 173B74 looks on a white background.

Color Contrast Check

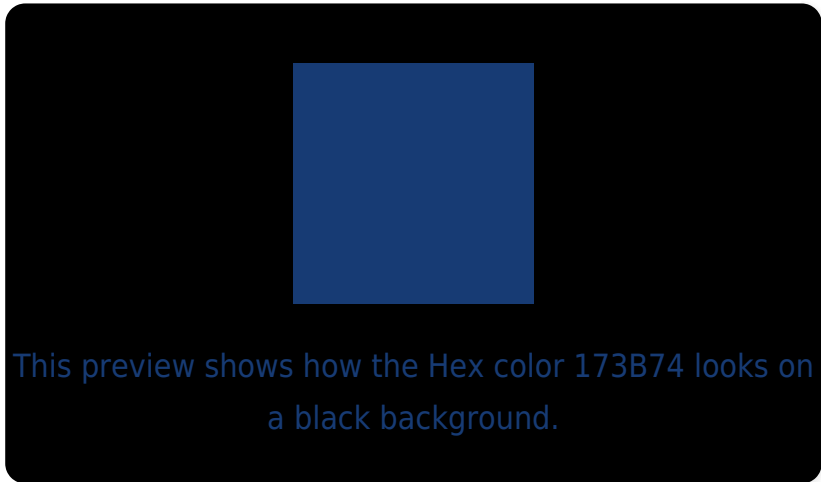
Large Text (above 18pt) WCAG AA ✓ Pass

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

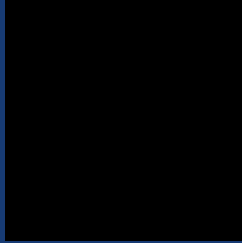
Any Text WCAG AA × Fail

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 173B74 Background



This preview shows how black text looks on a background with the Hex color 173B74.



This preview shows how white text looks on a background with the Hex color 173B74.

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
173B74

Protanopia
1C3B73

Deuteranopia
003E6C



Tritanopia
004348

Trichromacy



Original Color
173B74

Protanomaly
1A3B73

Deuteranomaly
083D6F

Tritanomaly
084058

Monochromacy



Original Color
173B74

Achromatopsia
373737

Achromatomaly
2B384D

CSS Examples

Text

The CSS property to change the color of the text to Hex 173B74 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 #173B74 looks like.

```
.text, #text, p{  
    color:#173B74  
}
```

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 #173B74 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #173B74
}
```

Border

The CSS property to change the border of an element to Hex 173B74 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
#173B74 }
```

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

```
.border{ border-color:#173B74 }
```

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

Here you see how a box with a 4 pixel #173B74 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #173B74; -webkit-box-shadow:4px 4px  
4px 4px #173B74; box-shadow:4px 4px 4px  
4px #173B74 }
```

Background

The CSS property to change the background color of an element to Hex 173B74 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#173B74 }
```

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

```
.background{ background-color:#173B74 }
```

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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