

Converting Colors

Hex(174D73)

Have a look what the booklet for
Hex(174D73) contains.

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Color

Hex(174D73)

Conversions

Conversions Part 1

Format	Color
Hex	174D73
RGB	23, 77, 115
RGB Percent	9%, 30%, 45%
CMY	0.9098, 0.6980, 0.5490
CMYK	0.80, 0.33, 0.00, 0.55
HSL	205°, 67%, 27%
HSV	205°, 80%, 45%
XYZ	6.1017, 6.7277, 17.1966
YIQ	65.1860, -44.3820, 0.3700

Conversions

Conversions Part 2

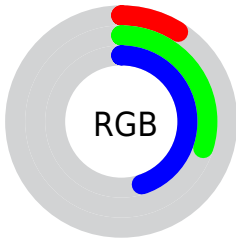
Format	Color
R_{YB}	23, 57, 115
Decimal	1527155
CIE Lab	31.18, -3.15, -26.77
CIE LCh	31, 26.950, 263.284
Yxy	6.7277, 0.2032, 0.2241
Android (android.graphics.Color)	4279717235 (0xFF174D73)
YUV	65.1860, 24.5583, -36.9971
Hunter-Lab	25.9378, -3.4001, -21.1524

Details

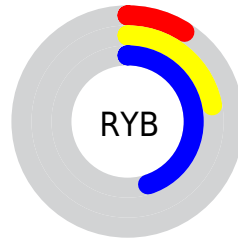
The Hex color **174D73** is a dark color, and the websafe version is hex **006699**. A complement of this color would be **733D17**, and the grayscale version is **414141**.

A 20% lighter version of the original color is **527EA7**, and **002143** is the 20% darker color. If you saturate the color by 10%, you get **0B4873**, and if you desaturate by 10%, it is **235273**.

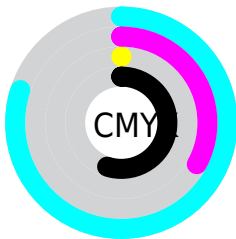
Distribution



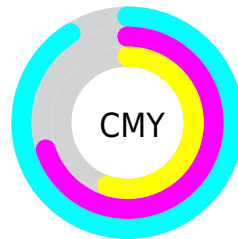
- Red (9%)
- Green (30%)
- Blue (45%)



- Red (9%)
- Yellow (22%)
- Blue (45%)



- Cyan (80%)
- Magenta (33%)
- Yellow (0%)
- Black (55%)



- Cyan (91%)
- Magenta (70%)
- Yellow (55%)

Brightness & Saturation Gradients

These gradients show how the Hex color 174D73 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 174D73 by changing the saturation by 10% instead.

■ 174D73

■ 174D73

FFFFFF

■ 00365A

■ 527EA7

■ 002143

■ 6D98C2

■ 000A2C

■ 88B2DE

■ 000117

■ A3CEFB

■ 000000

■ C0EAFB

■ DCFFFF

■ FAFFFF

■ 174D73

■ 174D73

■ 0B4873

■ 235273

■ 004373

■ 2E5673

■ 3A5B73

■ 456073

■ 516573

■ 5C6A73

■ 686E73

■ 737373

■ 7F7873

Harmonies

Analogous

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



00526B



174D73



444670

Triad

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



174D73



71393A



2C522F

Complementary

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



174D73



733D17

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.



464D21



174D73



693F28

Square

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



174D73



6E384F



5A471F



005444

Rectangle

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



174D73



574068



5A471F



36502A

Sweetspot

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



174D73



728896



17733C



36434D



CCCCCC



4D4D4D

Same Dimension

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



174D73



065B96



172073



35383B



00487A



0093FA

Inverse Universe

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



73174D



96065B



736A17



3B3538



7A0048



FA0093

Previews

White Background



This preview shows how the Hex color 174D73 looks on a white background.

Color Contrast Check

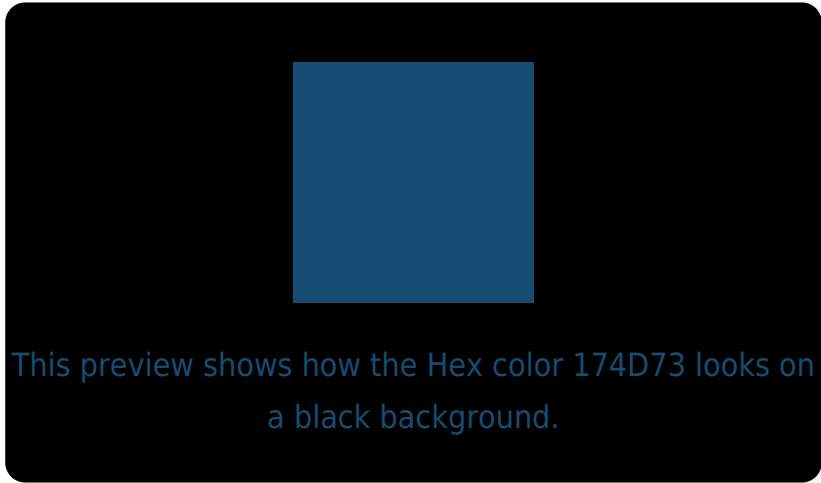
Large Text (above 18pt) WCAG AA ✓ Pass

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

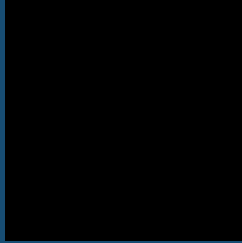
Any Text WCAG AA × Fail

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 174D73 Background



This preview shows how black text looks on a background with the Hex color 174D73.



This preview shows how white text looks on a background with the Hex color 174D73.

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
174D73

Protanopia
3C486F

Deuteranopia
324974

Trichromacy



Original Color
174D73

Protanomaly
2F4A70

Deuteranomaly
284A74

Tritanomaly
085062

Monochromacy



Original Color
174D73

Achromatopsia
414141

Achromatomaly
324553

CSS Examples

Text

The CSS property to change the color of the text to Hex 174D73 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 #174D73 looks like.

```
.text, #text, p{  
    color:#174D73  
}
```

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 #174D73 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #174D73
}
```

Border

The CSS property to change the border of an element to Hex 174D73 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
#174D73 }
```

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

```
.border{ border-color:#174D73 }
```

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

Here you see how a box with a 4 pixel #174D73 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #174D73; -webkit-box-shadow:4px 4px  
4px 4px #174D73; box-shadow:4px 4px 4px  
4px #174D73 }
```

Background

The CSS property to change the background color of an element to Hex 174D73 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#174D73 }
```

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

```
.background{ background-color:#174D73 }
```

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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