

Converting Colors

Hex(173C90)

Have a look what the booklet for
Hex(173C90) contains.

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Color

Hex(173C90)

Conversions

Conversions Part 1

Format	Color
Hex	173C90
RGB	23, 60, 144
RGB Percent	9%, 24%, 56%
CMY	0.9098, 0.7647, 0.4353
CMYK	0.84, 0.58, 0.00, 0.44
HSL	222°, 72%, 33%
HSV	222°, 84%, 56%
XYZ	7.0032, 5.4275, 27.0641
YIQ	58.5130, -49.0160, 18.2800

Conversions

Conversions Part 2

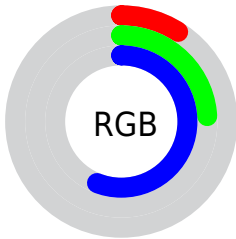
Format	Color
R_{YB}	23, 51, 144
Decimal	1522832
CIE _{Lab}	27.92, 20.31, -50.03
CIE _{LCh}	28, 53.991, 292.094
Yxy	5.4275, 0.1773, 0.1374
Android (android.graphics.Color)	4279712912 (0xFF173C90)
YUV	58.5130, 42.1451, -31.1449
Hunter-Lab	23.2970, 12.8887, -52.5692

Details

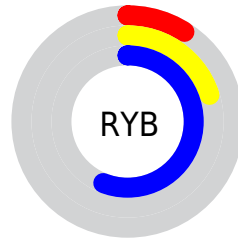
The Hex color **173C90** is a dark color, and the websafe version is hex **003399**. A complement of this color would be **906B17**, and the grayscale version is **3A3A3A**.

A 20% lighter version of the original color is **5A6BC7**, and **00145D** is the 20% darker color. If you saturate the color by 10%, you get **093290**, and if you desaturate by 10%, it is **254690**.

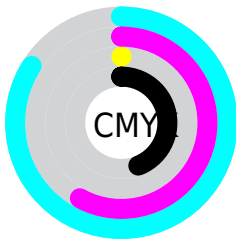
Distribution



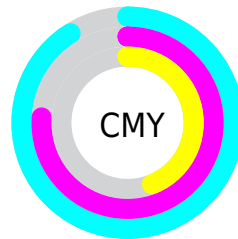
- Red (9%)
- Green (24%)
- Blue (56%)



- Red (9%)
- Yellow (20%)
- Blue (56%)



- Cyan (84%)
- Magenta (58%)
- Yellow (0%)
- Black (44%)



- Cyan (91%)
- Magenta (76%)
- Yellow (44%)

Brightness & Saturation Gradients

These gradients show how the Hex color 173C90 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 173C90 by changing the saturation by 10% instead.

■ 173C90

■ 173C90

FFFFFF

■ 002776

■ 5A6BC7

■ 00145D

■ 7684E3

■ 000044

■ 939EFF

■ 00032D

■ AFB9FF

■ 000117

■ CDD4FF

■ 000000

■ EAF1FF

■ 173C90

■ 173C90

■ 093290

■ 254690

■ 002C90

■ 345090

■ 425A90

■ 516490

■ 5F6E90

■ 6D7890

■ 7C8290

■ 8A8C90

■ 999690

Harmonies

Analogous

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



004B95



173C90



672376

Triad

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



173C90



772800



005235

Complementary

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



173C90



906B17

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.



004F04



173C90



5B3C00

Square

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



173C90



870626



354900



005360

Rectangle

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



173C90



7D0C5C



354900



005226

Sweetspot

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



173C90



8C9ABA



17906A



424B5E



DEDEDE



5E5E5E

Same Dimension

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



173C90



0039BA



2D1790



404247



002987



000208

Inverse Universe

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



90173C



BA0039



7A9017



474042



870029



080002

Previews

White Background



This preview shows how the Hex color 173C90 looks on a white background.

Color Contrast Check

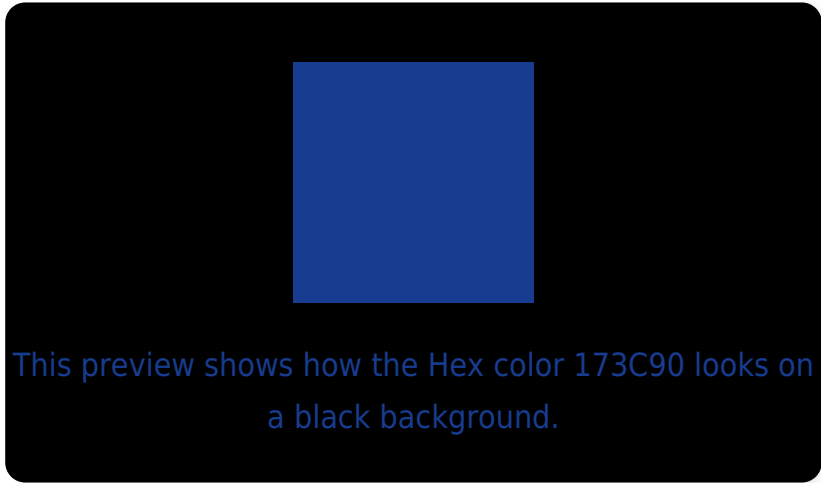
Large Text (above 18pt) WCAG AA ✓ Pass

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

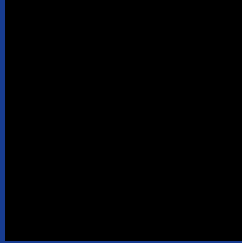
Any Text WCAG AA × Fail

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 173C90 Background



This preview shows how black text looks on a background with the Hex color 173C90.



This preview shows how white text looks on a background with the Hex color 173C90.

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
173C90

Protanopia
003F87

Deuteranopia
004474

Trichromacy



Original Color
173C90

Protanomaly
083E8A

Deuteranomaly
08417E

Monochromacy



Original Color
173C90

Achromatopsia
3B3B3B

Achromatomaly
2E3B5A

CSS Examples

Text

The CSS property to change the color of the text to Hex 173C90 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 #173C90 looks like.

```
.text, #text, p{  
    color:#173C90  
}
```

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 #173C90 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #173C90
}
```

Border

The CSS property to change the border of an element to Hex 173C90 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
#173C90 }
```

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

```
.border{ border-color:#173C90 }
```

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

Here you see how a box with a 4 pixel #173C90 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #173C90; -webkit-box-shadow:4px 4px  
4px 4px #173C90; box-shadow:4px 4px 4px  
4px #173C90 }
```

Background

The CSS property to change the background color of an element to Hex 173C90 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#173C90 }
```

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

```
.background{ background-color:#173C90 }
```

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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