

Converting Colors

Hex(173F82)

Have a look what the booklet for
Hex(173F82) contains.

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Color

Hex(173F82)

Conversions

Conversions Part 1

Format	Color
Hex	173F82
RGB	23, 63, 130
RGB Percent	9%, 25%, 51%
CMY	0.9098, 0.7529, 0.4902
CMYK	0.82, 0.52, 0.00, 0.49
HSL	218°, 70%, 30%
HSV	218°, 82%, 51%
XYZ	6.1601, 5.3489, 21.8269
YIQ	58.6780, -45.3470, 12.3570

Conversions

Conversions Part 2

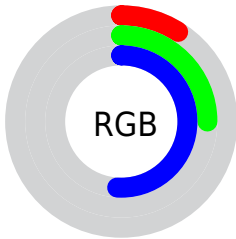
Format	Color
R_{YB}	23, 52, 130
Decimal	1523586
CIE _{Lab}	27.71, 12.45, -41.69
CIE _{LCh}	28, 43.514, 286.628
Yxy	5.3489, 0.1848, 0.1605
Android (android.graphics.Color)	4279713666 (0xFF173F82)
YUV	58.6780, 35.1617, -31.2896
Hunter-Lab	23.1276, 7.0707, -39.7660

Details

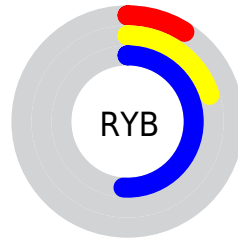
The Hex color **173F82** is a dark color, and the websafe version is hex **003366**. A complement of this color would be **825A17**, and the grayscale version is **3A3A3A**.

A 20% lighter version of the original color is **566EB8**, and **001650** is the 20% darker color. If you saturate the color by 10%, you get **0A3782**, and if you desaturate by 10%, it is **244782**.

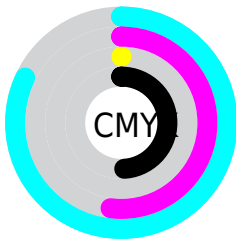
Distribution



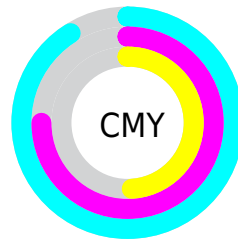
- Red (9%)
- Green (25%)
- Blue (51%)



- Red (9%)
- Yellow (20%)
- Blue (51%)



- Cyan (82%)
- Magenta (52%)
- Yellow (0%)
- Black (49%)



- Cyan (91%)
- Magenta (75%)
- Yellow (49%)

Brightness & Saturation Gradients

These gradients show how the Hex color 173F82 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 173F82 by changing the saturation by 10% instead.

■ 173F82

■ 173F82

FFFFFF

■ 002A68

■ 566EB8

■ 001650

■ 7187D3

■ 000338

■ 8DA1F0

■ 000222

■ A9BCFF

■ 000008

■ C6D8FF

■ 000000

■ E3F4FF

■ 173F82

■ 173F82

■ 0A3782

■ 244782

■ 003182

■ 314F82

■ 3E5782

■ 4B6082

■ 586882

■ 657082

■ 727882

■ 7F8082

■ 8C8882

Harmonies

Analogous

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



004A83



173F82



5A2F70

Triad

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



173F82



722B11



004F31

Complementary

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



173F82



825A17

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.



134C0E



173F82



5D3A00

Square

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



173F82



7C1D30



3F4600



005054

Rectangle

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



173F82



6E235D



3F4600



004F25

Sweetspot

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



173F82



7E8EA8



178259



3B4454



D4D4D4



545454

Same Dimension

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



173F82



0240A8



231782



393C40



003080



000000

Inverse Universe

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



82173F



A80240



768217



40393C



800030



000000

Previews

White Background



This preview shows how the Hex color 173F82 looks on a white background.

Color Contrast Check

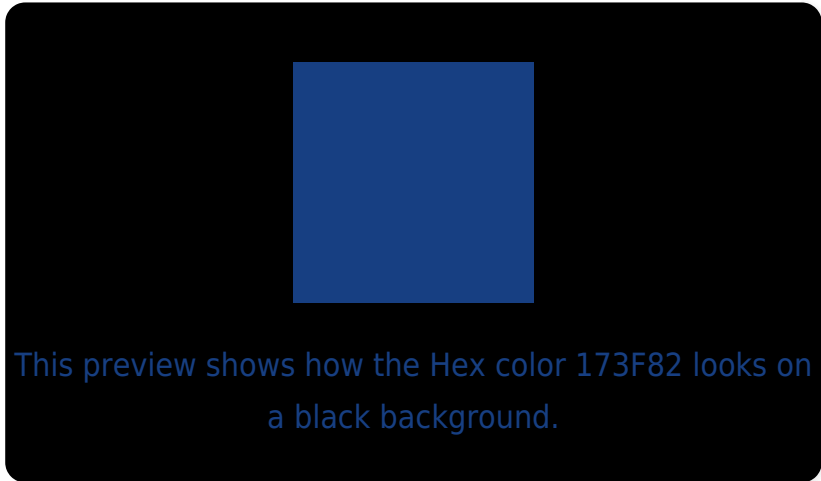
Large Text (above 18pt) WCAG AA ✓ Pass

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

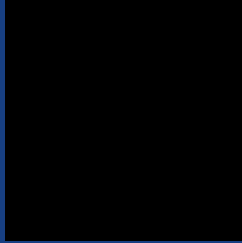
Any Text WCAG AA × Fail

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 173F82 Background



This preview shows how black text looks on a background with the Hex color 173F82.



This preview shows how white text looks on a background with the Hex color 173F82.

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

173F82

Protanopia

153F82

Deuteranopia

004374

Trichromacy



Original Color

173F82

Protanomaly

163F82

Deuteranomaly

084279

Tritanomaly

084561

Monochromacy



Original Color

173F82

Achromatopsia

3B3B3B

Achromatomaly

2E3C55

CSS Examples

Text

The CSS property to change the color of the text to Hex 173F82 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 #173F82 looks like.

```
.text, #text, p{  
    color:#173F82  
}
```

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 #173F82 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #173F82
}
```

Border

The CSS property to change the border of an element to Hex 173F82 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
#173F82 }
```

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

```
.border{ border-color:#173F82 }
```

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

Here you see how a box with a 4 pixel #173F82 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #173F82; -webkit-box-shadow:4px 4px  
4px 4px #173F82; box-shadow:4px 4px 4px  
4px #173F82 }
```

Background

The CSS property to change the background color of an element to Hex 173F82 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#173F82 }
```

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

```
.background{ background-color:#173F82 }
```

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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