

Converting Colors

Hex(175E82)

Have a look what the booklet for
Hex(175E82) contains.

Hex(175E82)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	28

Color

Hex(175E82)

Conversions

Conversions Part 1

Format	Color
Hex	175E82
RGB	23, 94, 130
RGB Percent	9%, 37%, 51%
CMY	0.9098, 0.6314, 0.4902
CMYK	0.82, 0.28, 0.00, 0.49
HSL	200°, 70%, 30%
HSV	200°, 82%, 51%
XYZ	8.3853, 9.7993, 22.5686
YIQ	76.8750, -53.8720, -3.8560

Conversions

Conversions Part 2

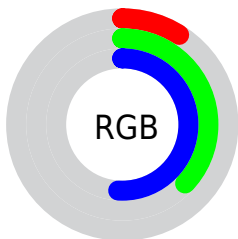
Format	Color
R_{YB}	23, 66, 130
Decimal	1531522
CIE _{Lab}	37.48, -7.93, -26.16
CIE _{LCh}	37, 27.331, 253.132
Yxy	9.7993, 0.2058, 0.2405
Android (android.graphics.Color)	4279721602 (0xFF175E82)
YUV	76.8750, 26.1906, -47.2484
Hunter-Lab	31.3038, -6.9670, -20.8327

Details

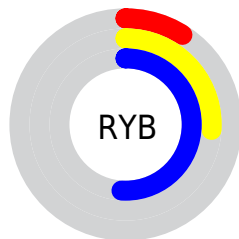
The Hex color **175E82** is a dark color, and the websafe version is hex **006699**. A complement of this color would be **823B17**, and the grayscale version is **4D4D4D**.

A 20% lighter version of the original color is **5690B7**, and **003050** is the 20% darker color. If you saturate the color by 10%, you get **0A5A82**, and if you desaturate by 10%, it is **246282**.

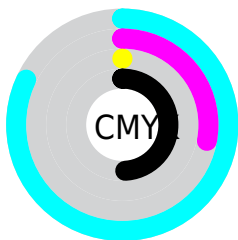
Distribution



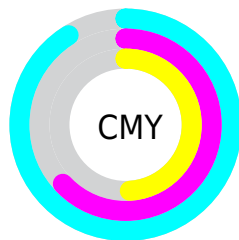
- Red (9%)
- Green (37%)
- Blue (51%)



- Red (9%)
- Yellow (26%)
- Blue (51%)



- Cyan (82%)
- Magenta (28%)
- Yellow (0%)
- Black (49%)



- Cyan (91%)
- Magenta (63%)
- Yellow (49%)

Brightness & Saturation Gradients

These gradients show how the Hex color 175E82 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 175E82 by changing the saturation by 10% instead.

■ 175E82

■ 175E82

FFFFFF

■ 004669

■ 5690B7

■ 003050

■ 72ABD3

■ 001C39

■ 8DC6EF

■ 000224

■ AAE2FF

■ 00000B

■ C6FFFF

■ 000000

■ E3FFFF

■ 175E82

■ 175E82

■ 0A5A82

■ 246282

005682

316782

3E6B82

4B6F82

587482

657882

727D82

7F8182

8C8582

Harmonies

Analogous

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



006276



175E82



475783

Triad

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



175E82



83474F



446037

Complementary

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



175E82



823B17

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.



5D5A2C



175E82



7E4B3B

Square

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



175E82



7B4866



71532E



26634B

Rectangle

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



175E82



5D527D



71532E



4D5E32

Sweetspot

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



175E82



7E9AA8



17823B



3B4C54



D4D4D4



545454

Same Dimension

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



175E82



0270A8



172982



393E40



005580



000000

Inverse Universe

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



82175E



A80270



827017



40393E



800055



000000

Previews

White Background



This preview shows how the Hex color 175E82 looks on a white background.

Color Contrast Check

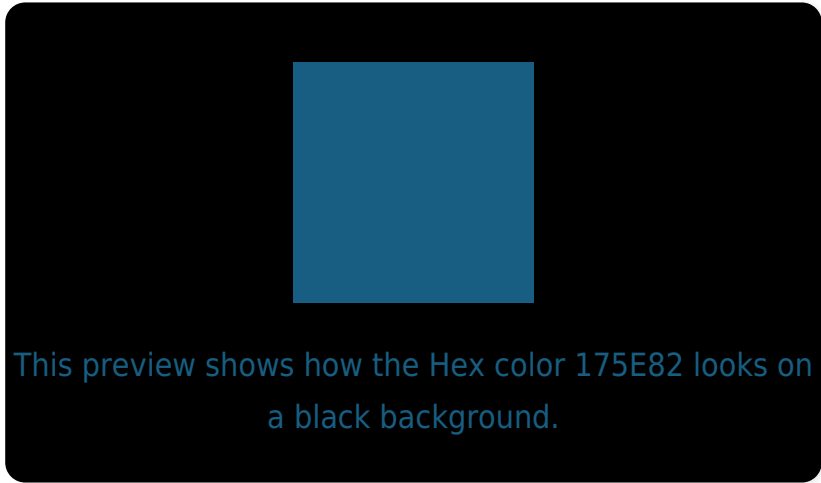
Large Text (above 18pt) WCAG AA ✓ Pass

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

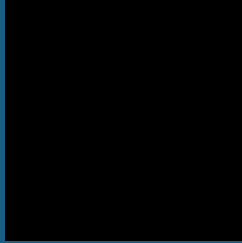
Any Text WCAG AA × Fail

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 175E82 Background



This preview shows how black text looks on a background with the Hex color 175E82.

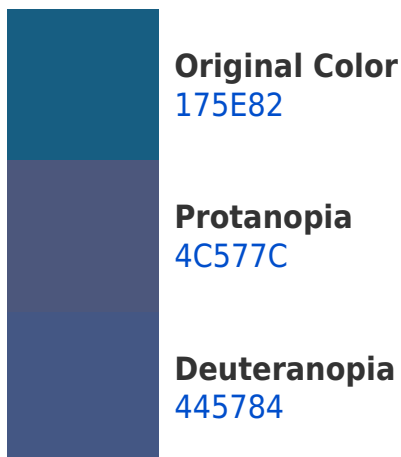


This preview shows how white text looks on a background with the Hex color 175E82.

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



Trichromacy



Original Color
175E82

Protanomaly
395A7E

Deuteranomaly
345A83

Monochromacy



Original Color
175E82

Achromatopsia
4D4D4D

Achromatomaly
395360

CSS Examples

Text

The CSS property to change the color of the text to Hex 175E82 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 #175E82 looks like.

```
.text, #text, p{  
    color:#175E82  
}
```

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 #175E82 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #175E82
}
```

Border

The CSS property to change the border of an element to Hex 175E82 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
#175E82 }
```

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

```
.border{ border-color:#175E82 }
```

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

Here you see how a box with a 4 pixel #175E82 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #175E82; -webkit-box-shadow:4px 4px  
4px 4px #175E82; box-shadow:4px 4px 4px  
4px #175E82 }
```

Background

The CSS property to change the background color of an element to Hex 175E82 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#175E82 }
```

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

```
.background{ background-color:#175E82 }
```

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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