

Converting Colors

Hex(1E6892)

Have a look what the booklet for
Hex(1E6892) contains.

Hex(1E6892)	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>	29

Color

Hex(1E6892)

Conversions

Conversions Part 1

Format	Color
Hex	1E6892
RGB	30, 104, 146
RGB Percent	12%, 41%, 57%
CMY	0.8824, 0.5922, 0.4275
CMYK	0.79, 0.29, 0.00, 0.43
HSL	202°, 66%, 35%
HSV	202°, 79%, 57%
XYZ	10.6740, 12.2520, 28.9964
YIQ	86.6620, -57.5860, -2.6260

Conversions

Conversions Part 2

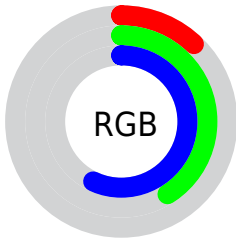
Format	Color
R_{YB}	30, 75, 146
Decimal	1992850
CIE _{Lab}	41.61, -7.10, -29.34
CIE _{LCh}	42, 30.188, 256.389
Yxy	12.2520, 0.2056, 0.2360
Android (android.graphics.Color)	4280182930 (0xFF1E6892)
YUV	86.6620, 29.2536, -49.6926
Hunter-Lab	35.0028, -6.8217, -24.6140

Details

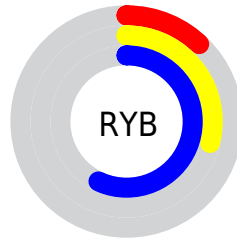
The Hex color **1E6892** is a dark color, and the websafe version is hex **006699**. A complement of this color would be **92481E**, and the grayscale version is **565656**.

A 20% lighter version of the original color is **5D9BC8**, and **00395F** is the 20% darker color. If you saturate the color by 10%, you get **0F6392**, and if you desaturate by 10%, it is **2D6D92**.

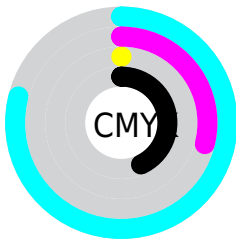
Distribution



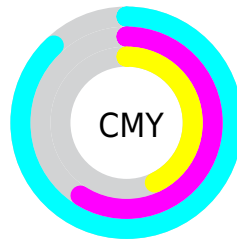
- Red (12%)
- Green (41%)
- Blue (57%)



- Red (12%)
- Yellow (29%)
- Blue (57%)



- Cyan (79%)
- Magenta (29%)
- Yellow (0%)
- Black (43%)



- Cyan (88%)
- Magenta (59%)
- Yellow (43%)

Brightness & Saturation Gradients

These gradients show how the Hex color 1E6892 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 1E6892 by changing the saturation by 10% instead.

■ 1E6892

■ 1E6892

FFFFFF

■ 005078

■ 5D9BC8

■ 00395F

■ 79B6E4

■ 002447

■ 96D1FF

■ 000E31

■ B2EEFF

■ 00011B

■ CFFFFFF

■ 000000

■ EDFFFF

■ 1E6892

■ 1E6892

■ 0F6392

■ 2D6D92

■ 015D92

■ 3B7392

■ 005D92

■ 4A7892

■ 587D92

■ 678292

■ 768892

■ 848D92

■ 939292

■ A19892

Harmonies

Analogous

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



006D85



1E6892



536092

Triad

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



1E6892



924E55



486B3F

Complementary

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



1E6892



92481E

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.



646531



1E6892



8C543F

Square

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



1E6892



8B4F6F



7B5D32



236E56

Rectangle

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



1E6892



6B5A8A



7B5D32



526939

Sweetspot

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



1E6892



8FACBD



1E9247



43545E



DEDEDE



5E5E5E

Same Dimension

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



1E6892



097CBD



1E2F92



43474A



00588A



00070A

Inverse Universe

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



921E68



BD097C



92811E



4A4347



8A0058



0A0007

Previews

White Background



This preview shows how the Hex color 1E6892 looks on a white background.

Color Contrast Check

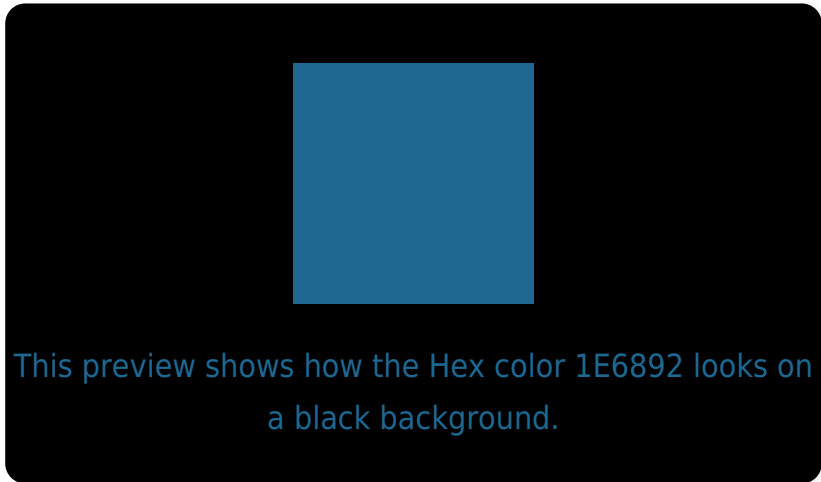
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

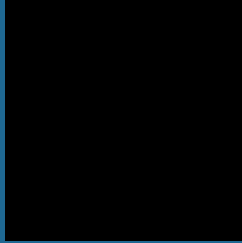
Any Text WCAG AA × Fail

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 1E6892 Background



This preview shows how black text looks on a background with the Hex color 1E6892.

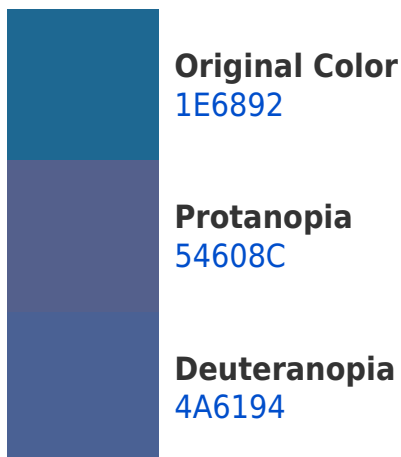


This preview shows how white text looks on a background with the Hex color 1E6892.

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](#).

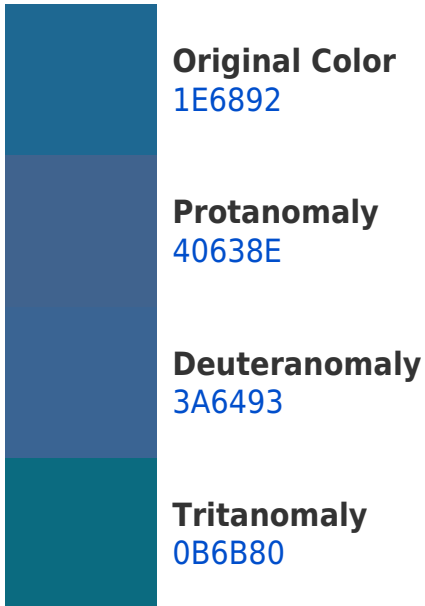
Dichromacy



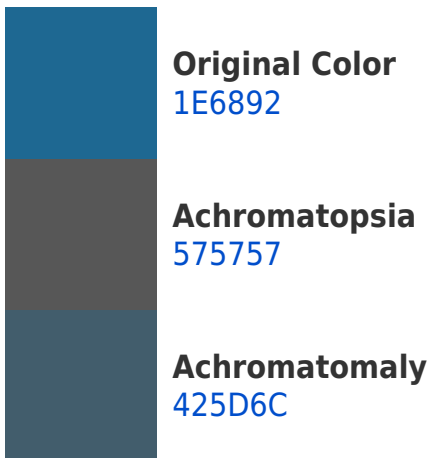


Tritanopia
006D75

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 1E6892 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 #1E6892 looks like.

```
.text, #text, p{  
    color:#1E6892  
}
```

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 #1E6892 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #1E6892
}
```

Border

The CSS property to change the border of an element to Hex 1E6892 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
#1E6892 }
```

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

```
.border{ border-color:#1E6892 }
```

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

Here you see how a box with a 4 pixel #1E6892 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #1E6892; -webkit-box-shadow:4px 4px  
4px 4px #1E6892; box-shadow:4px 4px 4px  
4px #1E6892 }
```

Background

The CSS property to change the background color of an element to Hex 1E6892 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#1E6892 }
```

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

```
.background{ background-color:#1E6892 }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor