

Converting Colors

Hex(1E6889)

Have a look what the booklet for
Hex(1E6889) contains.

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Color

Hex(1E6889)

Conversions

Conversions Part 1

Format	Color
Hex	1E6889
RGB	30, 104, 137
RGB Percent	12%, 41%, 54%
CMY	0.8824, 0.5922, 0.4627
CMYK	0.78, 0.24, 0.00, 0.46
HSL	199°, 64%, 33%
HSV	199°, 78%, 54%
XYZ	10.0011, 11.9828, 25.4527
YIQ	85.6360, -54.6970, -5.4250

Conversions

Conversions Part 2

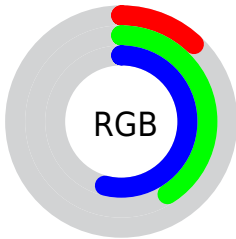
Format	Color
RYB	30, 74, 137
Decimal	1992841
CIELab	41.19, -10.45, -24.60
CIELCh	41, 26.730, 246.982
Yxy	11.9828, 0.2108, 0.2526
Android (android.graphics.Color)	4280182921 (0xFF1E6889)
YUV	85.6360, 25.3225, -48.7928
Hunter-Lab	34.6162, -9.0072, -19.3637

Details

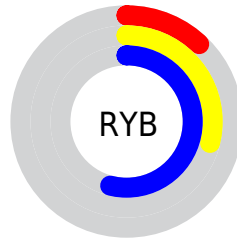
The Hex color **1E6889** is a dark color, and the websafe version is hex **006699**. A complement of this color would be **893F1E**, and the grayscale version is **555555**.

A 20% lighter version of the original color is **5B9BBF**, and **003957** is the 20% darker color. If you saturate the color by 10%, you get **106489**, and if you desaturate by 10%, it is **2C6C89**.

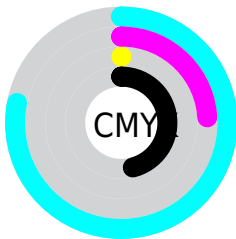
Distribution



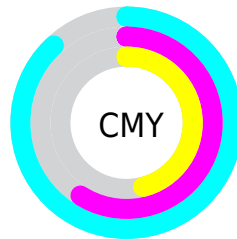
- Red (12%)
- Green (41%)
- Blue (54%)



- Red (12%)
- Yellow (29%)
- Blue (54%)



- Cyan (78%)
- Magenta (24%)
- Yellow (0%)
- Black (46%)



- Cyan (88%)
- Magenta (59%)
- Yellow (46%)

Brightness & Saturation Gradients

These gradients show how the Hex color 1E6889 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 1E6889 by changing the saturation by 10% instead.

■ 1E6889

■ 1E6889

FFFFFF

■ 00506F

■ 5B9BBF

■ 003957

■ 77B6DA

■ 00243F

■ 93D2F7

■ 000B2A

■ B0EEFF

■ 000114

■ CDFFFF

■ 000000

■ EAFFFF

■ 1E6889

■ 1E6889

■ 106489

■ 2C6C89

■ 036089

■ 397089

■ 005F89

■ 477589

■ 557989

■ 637D89

■ 708189

■ 7E8689

■ 8C8A89

■ 998E89

Harmonies

Analogous

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



006C7B



1E6889



49628C

Triad

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



1E6889



8B505D



53683D

Complementary

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



1E6889



893F1E

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.



6A6235



1E6889



895348

Square

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



1E6889



815273



7D5A39



376B4F

Rectangle

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



1E6889



605C88



7D5A39



5B6639

Sweetspot

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



1E6889



89A6B3



1E893E



405259



D9D9D9



595959

Same Dimension

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



1E6889



0B7FB3



1E3389



3E4345



005C85



000405

Inverse Universe

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



891E68



B30B7F



89741E



453E43



85005C



050004

Previews

White Background



This preview shows how the Hex color 1E6889 looks on a white background.

Color Contrast Check

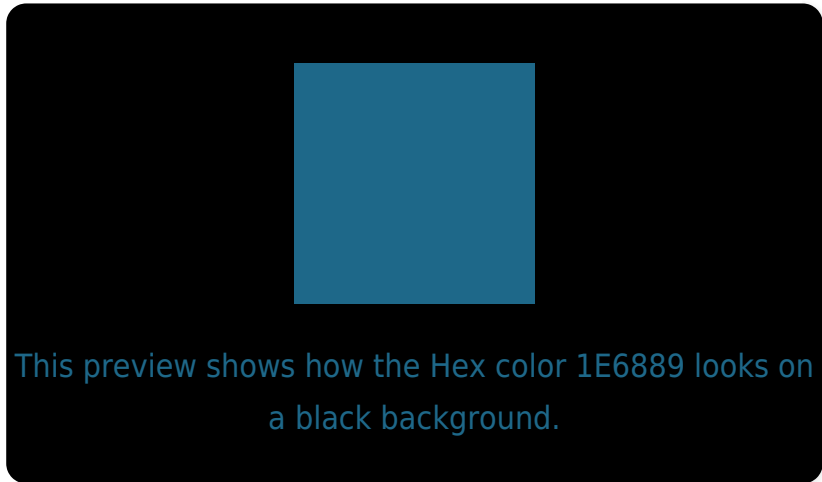
Large Text (above 18pt) WCAG AA ✓ Pass

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

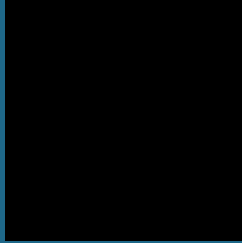
Any Text WCAG AA × Fail

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 1E6889 Background



This preview shows how black text looks on a background with the Hex color 1E6889.

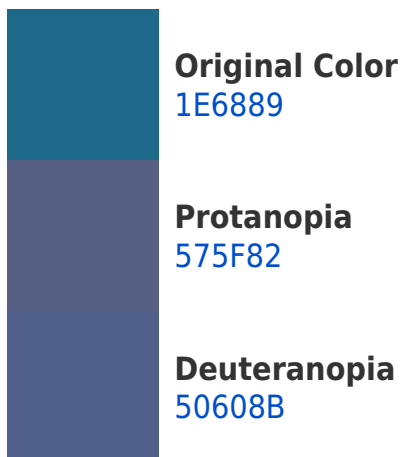


This preview shows how white text looks on a background with the Hex color 1E6889.

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](#).

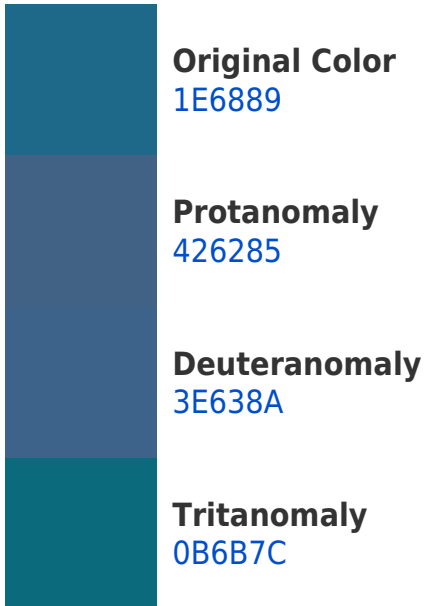
Dichromacy





Tritanopia
006C74

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 1E6889 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 #1E6889 looks like.

```
.text, #text, p{  
    color:#1E6889  
}
```

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 #1E6889 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #1E6889
}
```

Border

The CSS property to change the border of an element to Hex 1E6889 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
#1E6889 }
```

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

```
.border{ border-color:#1E6889 }
```

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

Here you see how a box with a 4 pixel #1E6889 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #1E6889; -webkit-box-shadow:4px 4px  
4px 4px #1E6889; box-shadow:4px 4px 4px  
4px #1E6889 }
```

Background

The CSS property to change the background color of an element to Hex 1E6889 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#1E6889 }
```

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

```
.background{ background-color:#1E6889 }
```

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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