

Converting Colors

Hex(1E5D8A)

Have a look what the booklet for
Hex(1E5D8A) contains.

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Color

Hex(1E5D8A)

Conversions

Conversions Part 1

Format	Color
Hex	1E5D8A
RGB	30, 93, 138
RGB Percent	12%, 36%, 54%
CMY	0.8824, 0.6353, 0.4588
CMYK	0.78, 0.33, 0.00, 0.46
HSL	205°, 64%, 33%
HSV	205°, 78%, 54%
XYZ	9.0372, 9.9397, 25.4870
YIQ	79.2930, -51.9930, 0.6390

Conversions

Conversions Part 2

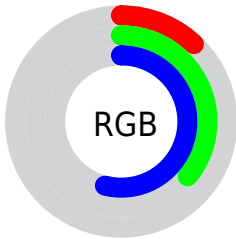
Format	Color
R_{YB}	30, 70, 138
Decimal	1990026
CIE _{Lab}	37.73, -3.40, -30.61
CIE _{LCh}	38, 30.802, 263.660
Yxy	9.9397, 0.2032, 0.2235
Android (android.graphics.Color)	4280180106 (0xFF1E5D8A)
YUV	79.2930, 28.9426, -43.2300
Hunter-Lab	31.5273, -4.0062, -25.8616

Details

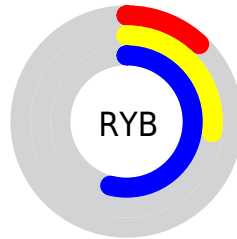
The Hex color **1E5D8A** is a dark color, and the websafe version is hex **006699**. A complement of this color would be **8A4B1E**, and the grayscale version is **4F4F4F**.

A 20% lighter version of the original color is **5B8FC0**, and **003058** is the 20% darker color. If you saturate the color by 10%, you get **10578A**, and if you desaturate by 10%, it is **2C638A**.

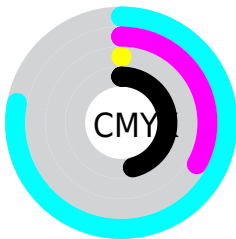
Distribution



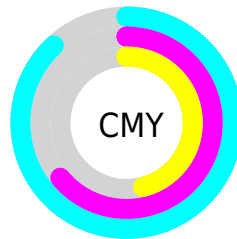
- Red (12%)
- Green (36%)
- Blue (54%)



- Red (12%)
- Yellow (27%)
- Blue (54%)



- Cyan (78%)
- Magenta (33%)
- Yellow (0%)
- Black (46%)



- Cyan (88%)
- Magenta (64%)
- Yellow (46%)

Brightness & Saturation Gradients

These gradients show how the Hex color 1E5D8A 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 1E5D8A by changing the saturation by 10% instead.

■ 1E5D8A

■ 1E5D8A

FFFFFF

■ 004670

■ 5B8FC0

■ 003058

■ 77A9DC

■ 001B40

■ 93C5F8

■ 00032A

■ AFE1FF

■ 000114

■ CCFDFF

■ 000000

■ E9FFFF

■ 1E5D8A

■ 1E5D8A

■ 10578A

■ 2C638A

■ 02528A

■ 3A698A

■ 00518A

■ 476E8A

■ 55748A

■ 637A8A

■ 71808A

■ 7F858A

■ 8C8B8A

■ 9A918A

Harmonies

Analogous

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



006380



1E5D8A



525486

Triad

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



1E5D8A



884546



36633A

Complementary

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



1E5D8A



8A4B1E

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.



545D2A



1E5D8A



7E4D31

Square

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



1E5D8A



84445F



6C5626



006552

Rectangle

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



1E5D8A



694E7D



6C5626



416134

Sweetspot

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



1E5D8A



89A1B3



1E8A4B



404F59



D9D9D9



595959

Same Dimension

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



1E5D8A



0B6DB3



1E278A



3E4245



004D85



000305

Inverse Universe

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



8A1E5D



B30B6D



8A811E



453E42



85004D



050003

Previews

White Background



This preview shows how the Hex color 1E5D8A looks on a white background.

Color Contrast Check

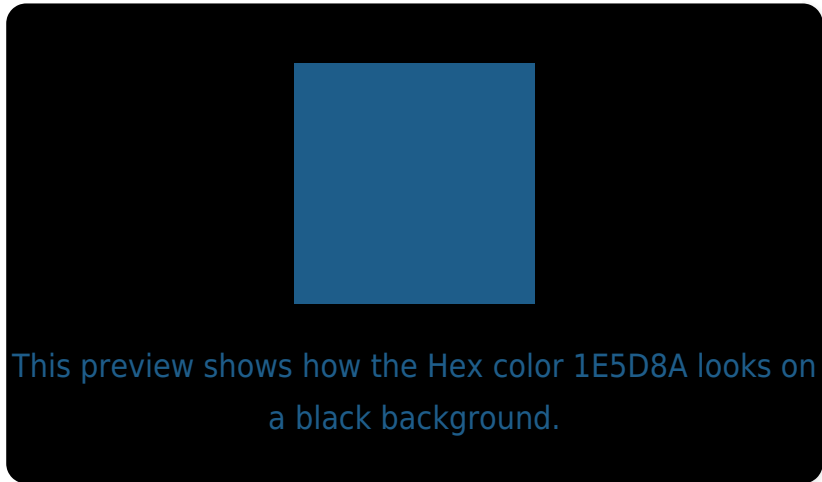
Large Text (above 18pt) WCAG AA ✓ Pass

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

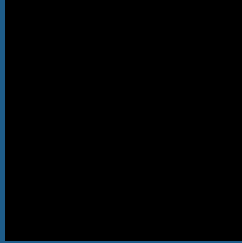
Any Text WCAG AA × Fail

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 1E5D8A Background



This preview shows how black text looks on a background with the Hex color 1E5D8A.



This preview shows how white text looks on a background with the Hex color 1E5D8A.

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](#).

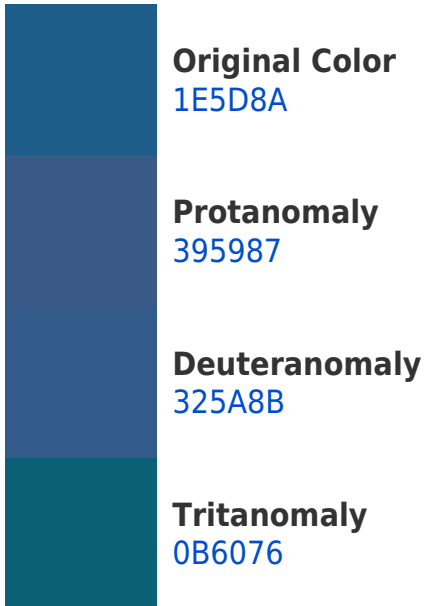
Dichromacy



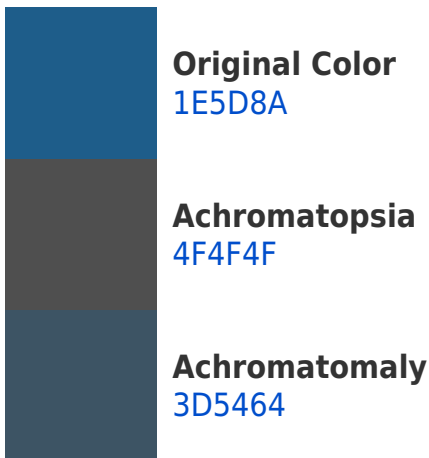


Tritanopia
00626A

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 1E5D8A 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 #1E5D8A looks like.

```
.text, #text, p{  
    color:#1E5D8A  
}
```

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 #1E5D8A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #1E5D8A
}
```

Border

The CSS property to change the border of an element to Hex 1E5D8A 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
#1E5D8A }
```

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

```
.border{ border-color:#1E5D8A }
```

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

Here you see how a box with a 4 pixel #1E5D8A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #1E5D8A; -webkit-box-shadow:4px 4px  
4px 4px #1E5D8A; box-shadow:4px 4px 4px  
4px #1E5D8A }
```

Background

The CSS property to change the background color of an element to Hex 1E5D8A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#1E5D8A }
```

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

```
.background{ background-color:#1E5D8A }
```

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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