

Converting Colors

Hex(1E5C9D)

Have a look what the booklet for
Hex(1E5C9D) contains.

Hex(1E5C9D)	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(1E5C9D)

Conversions

Conversions Part 1

Format	Color
Hex	1E5C9D
RGB	30, 92, 157
RGB Percent	12%, 36%, 62%
CMY	0.8824, 0.6392, 0.3843
CMYK	0.81, 0.41, 0.00, 0.38
HSL	211°, 68%, 37%
HSV	211°, 81%, 62%
XYZ	10.4484, 10.3646, 33.3482
YIQ	80.8720, -57.8170, 7.0710

Conversions

Conversions Part 2

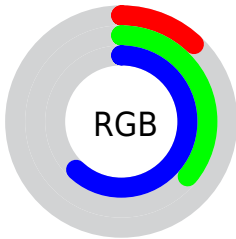
Format	Color
R_{YB}	30, 72, 157
Decimal	1989789
CIE _{Lab}	38.49, 4.65, -40.87
CIE _{LCh}	38, 41.131, 276.495
Yxy	10.3646, 0.1929, 0.1914
Android (android.graphics.Color)	4280179869 (0xFF1E5C9D)
YUV	80.8720, 37.5311, -44.6147
Hunter-Lab	32.1941, 1.5911, -38.8794

Details

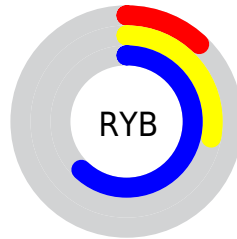
The Hex color **1E5C9D** is a dark color, and the websafe version is hex **336699**. A complement of this color would be **9D5F1E**, and the grayscale version is **515151**.

A 20% lighter version of the original color is **5F8ED4**, and **002F69** is the 20% darker color. If you saturate the color by 10%, you get **0E549D**, and if you desaturate by 10%, it is **2E649D**.

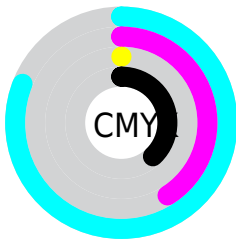
Distribution



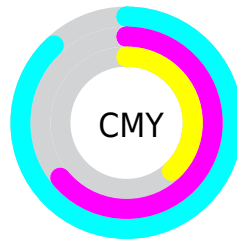
- Red (12%)
- Green (36%)
- Blue (62%)



- Red (12%)
- Yellow (28%)
- Blue (62%)



- Cyan (81%)
- Magenta (41%)
- Yellow (0%)
- Black (38%)



- Cyan (88%)
- Magenta (64%)
- Yellow (38%)

Brightness & Saturation Gradients

These gradients show how the Hex color 1E5C9D 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 1E5C9D by changing the saturation by 10% instead.

■ 1E5C9D

■ 1E5C9D

FFFFFF

■ 004583

■ 5F8ED4

■ 002F69

■ 7CA8F1

■ 001B50

■ 99C3FF

■ 000539

■ B6DFFF

■ 000223

■ D3FCFF

■ 000009

■ F0FFFF

■ 000000

■ 1E5C9D

■ 1E5C9D

■ 0E549D

■ 2E649D

■ 004D9D

■ 3D6C9D

■ 4D749D

■ 5D7C9D

■ 6D849D

■ 7C8C9D

■ 8C949D

■ 9C9C9D

■ ABA49D

Harmonies

Analogous

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



006597



1E5C9D



654F90

Triad

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



1E5C9D



934235



00693F

Complementary

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



1E5C9D



9D5F1E

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.



426421



1E5C9D



814F1B

Square

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



1E5C9D



973B55



655B11



006B61

Rectangle

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



1E5C9D



7F4580



655B11



216734

Sweetspot

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



1E5C9D



9BB3CC



1E9D5E



485766



E6E6E6



666666

Same Dimension

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



1E5C9D



0667CC



1E1E9D



474B4F



00468F



00070F

Inverse Universe

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



9D1E5C



CC0667



9D9D1E



4F474B



8F0046



0F0007

Previews

White Background



This preview shows how the Hex color 1E5C9D looks on a white background.

Color Contrast Check

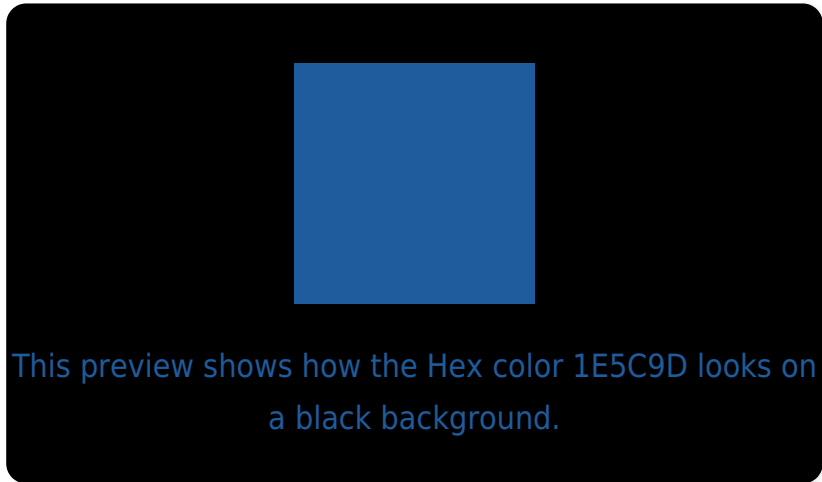
Large Text (above 18pt) WCAG AA ✓ Pass

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 1E5C9D Background



This preview shows how black text looks on a background with the Hex color 1E5C9D.



This preview shows how white text looks on a background with the Hex color 1E5C9D.

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](#).

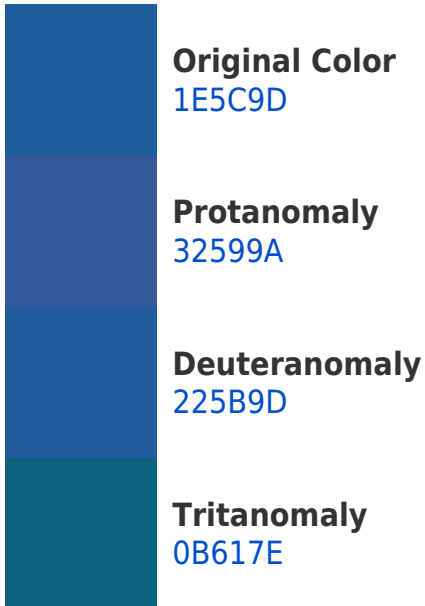
Dichromacy



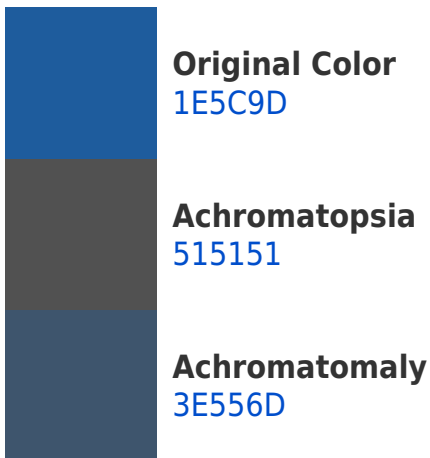


Tritanopia
00646C

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 1E5C9D 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 #1E5C9D looks like.

```
.text, #text, p{  
    color:#1E5C9D  
}
```

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 #1E5C9D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #1E5C9D
}
```

Border

The CSS property to change the border of an element to Hex 1E5C9D 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
#1E5C9D }
```

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

```
.border{ border-color:#1E5C9D }
```

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

Here you see how a box with a 4 pixel #1E5C9D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #1E5C9D; -webkit-box-shadow:4px 4px  
4px 4px #1E5C9D; box-shadow:4px 4px 4px  
4px #1E5C9D }
```

Background

The CSS property to change the background color of an element to Hex 1E5C9D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#1E5C9D }
```

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

```
.background{ background-color:#1E5C9D }
```

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