

Converting Colors

Hex(1E3C9E)

Have a look what the booklet for
Hex(1E3C9E) contains.

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Color

Hex(1E3C9E)

Conversions

Conversions Part 1	
Format	Color
Hex	1E3C9E
RGB	30, 60, 158
RGB Percent	12%, 24%, 62%
CMY	0.8824, 0.7647, 0.3804
CMYK	0.81, 0.62, 0.00, 0.38
HSL	226°, 68%, 37%
HSV	226°, 81%, 62%
XYZ	8.3228, 5.9764, 33.0626
YIQ	62.2020, -49.3380, 24.1180

Conversions

Conversions Part 2

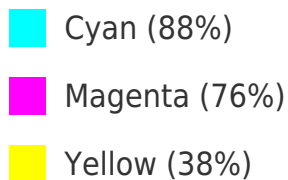
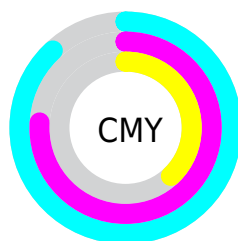
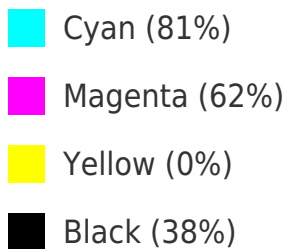
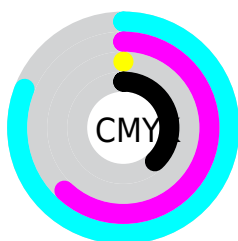
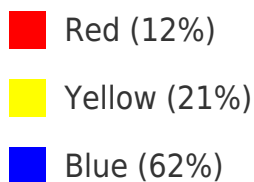
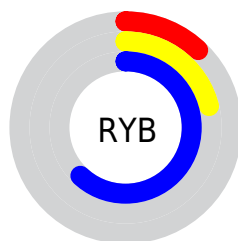
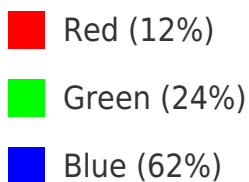
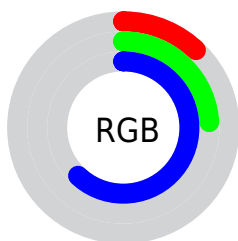
Format	Color
RYB	30, 54, 158
Decimal	1981598
CIELab	29.35, 26.55, -56.23
CIELCh	29, 62.184, 295.270
Yxy	5.9764, 0.1757, 0.1262
Android (android.graphics.Color)	4280171678 (0xFF1E3C9E)
YUV	62.2020, 47.2284, -28.2412
Hunter-Lab	24.4466, 17.9887, -63.0738

Details

The Hex color **1E3C9E** is a dark color, and the websafe version is hex **003399**. A complement of this color would be **9E801E**, and the grayscale version is **3E3E3E**.

A 20% lighter version of the original color is **616BD6**, and **001469** is the 20% darker color. If you saturate the color by 10%, you get **0E309E**, and if you desaturate by 10%, it is **2E489E**.


Distribution



Brightness & Saturation Gradients

These gradients show how the Hex color 1E3C9E 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 1E3C9E by changing the saturation by 10% instead.

 1E3C9E

 1E3C9E

FFFFFF

 002783

 616BD6

 001469

 7E84F2

 000051

 9B9EFF

 000539

 B8B9FF

 000222

 D6D5FF

 000008

 F4F1FF

 000000

 1E3C9E

 1E3C9E

 0E309E

 2E489E

 00259E

 3E549E

 4D609E

 5D6C9E

 6D789E

 7D859E

 8D919E

 9C9D9E

 ACA99E

Harmonies

Analogous

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



004EA7



1E3C9E



75197D

Triad

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



1E3C9E



7F2800



00583C

Complementary

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



1E3C9E



9E801E

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.



005501



1E3C9E



5C4100

Square

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



1E3C9E



930020



2E4E00



00586D

Rectangle

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



1E3C9E



8C005F



2E4E00



00572B

Sweetspot

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



1E3C9E



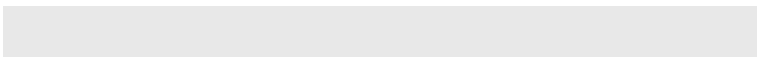
9DA9CF



1E9E7E



4A5169



E8E8E8



696969

Same Dimension

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



1E3C9E



0635CF



3E1E9E



47494F



00218F



00040F

Inverse Universe

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



9E1E3C



CF0635



7E9E1E



4F4749



8F0021



0F0004

Previews

White Background



This preview shows how the Hex color 1E3C9E looks on a white background.

Color Contrast Check

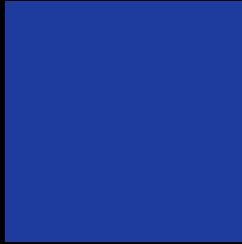
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black Background



This preview shows how the Hex color 1E3C9E looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

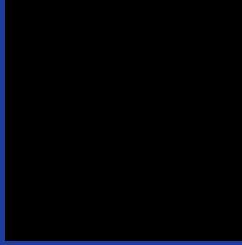
Any Text WCAG AA × Fail

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 1E3C9E Background



This preview shows how black text looks on a background with the Hex color 1E3C9E.



This preview shows how white text looks on a background with the Hex color 1E3C9E.

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



Original Color
1E3C9E

Protanopia
00438D

Deuteranopia
004779

Trichromacy



Original Color

1E3C9E

Protanomaly

0B4093

Deuteranomaly

0B4386

Monochromacy



Original Color

1E3C9E

Achromatopsia

3E3E3E

Achromatomaly

323D61

CSS Examples

Text

The CSS property to change the color of the text to Hex 1E3C9E 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 #1E3C9E looks like.

```
.text, #text, p{  
    color:#1E3C9E  
}
```

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 #1E3C9E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #1E3C9E
}
```

Border

The CSS property to change the border of an element to Hex 1E3C9E 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
#1E3C9E }
```

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

```
.border{ border-color:#1E3C9E }
```

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

Here you see how a box with a 4 pixel #1E3C9E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #1E3C9E; -webkit-box-shadow:4px 4px  
4px 4px #1E3C9E; box-shadow:4px 4px 4px  
4px #1E3C9E }
```

Background

The CSS property to change the background color of an element to Hex 1E3C9E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#1E3C9E }
```

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

```
.background{ background-color:#1E3C9E }
```

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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