

Converting Colors

Hex(1E3F87)

Have a look what the booklet for
Hex(1E3F87) contains.

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Color

Hex(1E3F87)

Conversions

Conversions Part 1

Format	Color
Hex	1E3F87
RGB	30, 63, 135
RGB Percent	12%, 25%, 53%
CMY	0.8824, 0.7529, 0.4706
CMYK	0.78, 0.53, 0.00, 0.47
HSL	221°, 64%, 32%
HSV	221°, 78%, 53%
XYZ	6.6861, 5.5803, 23.6464
YIQ	61.3410, -42.7800, 15.3960

Conversions

Conversions Part 2

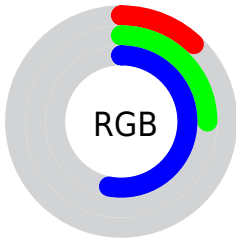
Format	Color
R_{YB}	30, 55, 135
Decimal	1982343
CIE _{Lab}	28.33, 15.33, -43.79
CIE _{LCh}	28, 46.396, 289.299
Yxy	5.5803, 0.1862, 0.1554
Android (android.graphics.Color)	4280172423 (0xFF1E3F87)
YUV	61.3410, 36.3139, -27.4861
Hunter-Lab	23.6227, 9.1825, -42.8137




Details

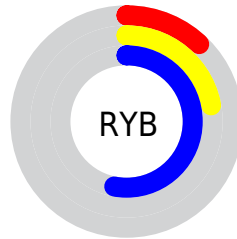
The Hex color **1E3F87** is a dark color, and the websafe version is hex **333366**. A complement of this color would be **87661E**, and the grayscale version is **3D3D3D**.




A 20% lighter version of the original color is **5B6EBD**, and **001654** is the 20% darker color. If you saturate the color by 10%, you get **113687**, and if you desaturate by 10%, it is **2C4887**.

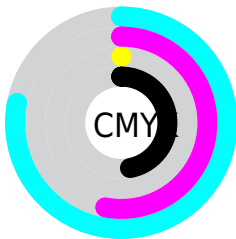
Distribution







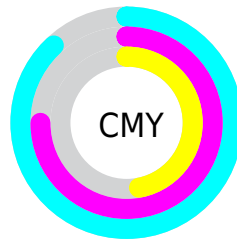
-  Red (12%)
-  Green (25%)
-  Blue (53%)






-  Red (12%)
-  Yellow (22%)
-  Blue (53%)



-  Cyan (78%)
-  Magenta (53%)
-  Yellow (0%)
-  Black (47%)



-  Cyan (88%)
-  Magenta (75%)
-  Yellow (47%)

Brightness & Saturation Gradients

These gradients show how the Hex color 1E3F87 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 1E3F87 by changing the saturation by 10% instead.

■ 1E3F87

■ 1E3F87

FFFFFF

■ 002A6D

■ 5B6EBD

■ 001654

■ 7787D9

■ 00003D

■ 92A1F6

■ 000326

■ AFBCFF

■ 00010F

■ CBD8FF

■ 000000

■ E9F4FF

■ 1E3F87

■ 1E3F87

■ 113687

■ 2C4887

■ 032C87

■ 395287

■ 002A87

■ 475B87

■ 546487

■ 626D87

■ 6F7787

■ 7D8087

■ 8A8987

■ 989287

Harmonies

Analogous

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



004B8A



1E3F87



602D72

Triad

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



1E3F87



752C0B



005234

Complementary

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



1E3F87



87661E

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.



034F0E



1E3F87



5D3D00

Square

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



1E3F87



811A2E



3D4800



00535A

Rectangle

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



1E3F87



75205D



3D4800



005128

Sweetspot

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



1E3F87



8794B0



1E8766



404859



D9D9D9



595959

Same Dimension

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



1E3F87



0C40B0



311E87



3C3E42



002982



000103

Inverse Universe

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



871E3F



B00C40



74871E



423C3E



820029



030001

Previews

White Background



This preview shows how the Hex color 1E3F87 looks on a white background.

Color Contrast Check

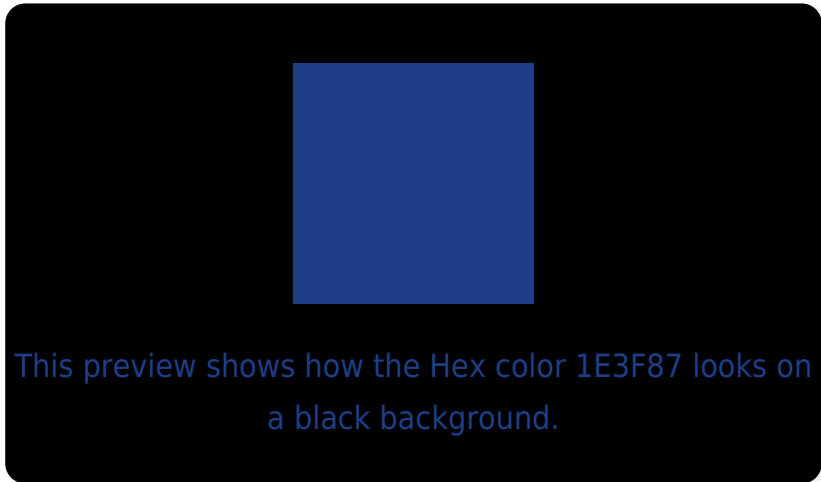
Large Text (above 18pt) WCAG AA ✓ Pass

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

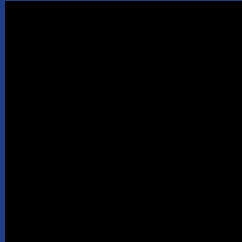
Any Text WCAG AA × Fail

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 1E3F87 Background



This preview shows how black text looks on a background with the Hex color 1E3F87.



This preview shows how white text looks on a background with the Hex color 1E3F87.

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
1E3F87

Protanopia
084088

Deuteranopia
004476



Tritanopia
004A4F

Trichromacy



Original Color
1E3F87

Protanomaly
104088

Deuteranomaly
0B427C

Tritanomaly
0B4663

Monochromacy



Original Color
1E3F87

Achromatopsia
3D3D3D

Achromatomaly
323E58

CSS Examples

Text

The CSS property to change the color of the text to Hex 1E3F87 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 #1E3F87 looks like.

```
.text, #text, p{  
    color:#1E3F87  
}
```

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 #1E3F87 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #1E3F87
}
```

Border

The CSS property to change the border of an element to Hex 1E3F87 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".

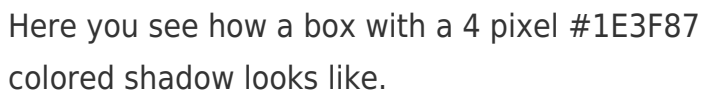
```
.border, #border, table{ border:4px solid
#1E3F87 }
```

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

```
.border{ border-color:#1E3F87 }
```

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

Here you see how a box with a 4 pixel #1E3F87 colored shadow looks like.

A rectangular box with a blue border and a blue shadow. The box is white with a blue border and a blue shadow. The shadow is a 4px offset to the right and bottom of the box.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #1E3F87; -webkit-box-shadow:4px 4px  
4px 4px #1E3F87; box-shadow:4px 4px 4px  
4px #1E3F87 }
```

Background

The CSS property to change the background color of an element to Hex 1E3F87 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#1E3F87 }
```

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

```
.background{ background-color:#1E3F87 }
```

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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