

Converting Colors

Hex(1E1EA1)

Have a look what the booklet for
Hex(1E1EA1) contains.

Hex(1E1EA1)	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(1E1EA1)

Conversions

Conversions Part 1

Format	Color
Hex	1E1EA1
RGB	30, 30, 161
RGB Percent	12%, 12%, 63%
CMY	0.8824, 0.8824, 0.3686
CMYK	0.81, 0.81, 0.00, 0.37
HSL	240°, 69%, 37%
HSV	240°, 81%, 63%
XYZ	7.4327, 3.7778, 34.0556
YIQ	44.9340, -42.0510, 40.7410

Conversions

Conversions Part 2

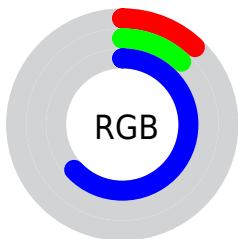
Format	Color
R_{YB}	30, 30, 161
Decimal	1973921
CIE _{Lab}	22.92, 46.05, -68.65
CIE _{LCh}	23, 82.664, 303.850
Yxy	3.7778, 0.1642, 0.0835
Android (android.graphics.Color)	4280164001 (0xFF1E1EA1)
YUV	44.9340, 57.2205, -13.0971
Hunter-Lab	19.4365, 34.2464, -90.2794

Details

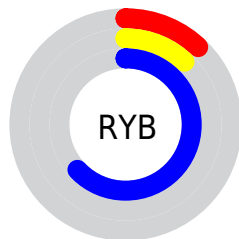
The Hex color **1E1EA1** is a dark color, and the websafe version is hex **330099**. A complement of this color would be **A1A11E**, and the grayscale version is **2C2C2C**.

A 20% lighter version of the original color is **654DD9**, and **00006C** is the 20% darker color. If you saturate the color by 10%, you get **0E0EA1**, and if you desaturate by 10%, it is **2E2EA1**.

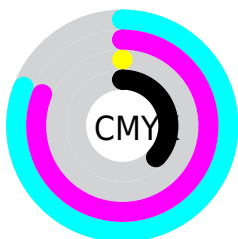
Distribution



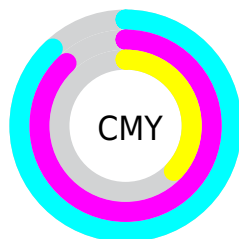
- Red (12%)
- Green (12%)
- Blue (63%)



- Red (12%)
- Yellow (12%)
- Blue (63%)



- Cyan (81%)
- Magenta (81%)
- Yellow (0%)
- Black (37%)



- Cyan (88%)
- Magenta (88%)
- Yellow (37%)

Brightness & Saturation Gradients

These gradients show how the Hex color 1E1EA1 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 1E1EA1 by changing the saturation by 10% instead.

■ 1E1EA1

■ 1E1EA1

FFFFFF

■ 000686

■ 654DD9

■ 00006C

■ 8366F6

■ 000053

■ A080FF

■ 00063A

■ BE9AFF

■ 000224

■ DCB5FF

■ 00000B

■ FAD1FF

■ 000000

■ FFEEFF

■ 1E1EA1

■ 1E1EA1

■ 0E0EA1

■ 2E2EA1

■ 0000A1

■ 3E3EA1

■ 4E4EA1

■ 5E5EA1

■ 6F6FA1

■ 7F7FA1

■ 8F8FA1

■ 9F9FA1

■ AFAFA1

Harmonies

Analogous

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



0040B7



1E1EA1



80006F

Triad

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



1E1EA1



6D1600



004A3E

Complementary

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



1E1EA1



A1A11E

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.



004800



1E1EA1



3D3800

Square

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



1E1EA1



8D0000



004400



004C7C

Rectangle

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



1E1EA1



940046



004400



004A28

Sweetspot

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



1E1EA1



9F9FD1



1EA1A1



4A4A69



E8E8E8



696969

Same Dimension

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



1E1EA1



0404D1



601EA1



494952



000091



000012

Inverse Universe

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



A11EA1



D104D1



60A11E



524952



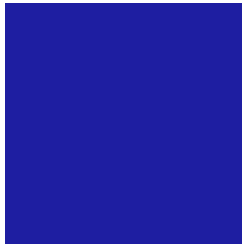
910091



120012

Previews

White Background



This preview shows how the Hex color 1E1EA1 looks on a white background.

Color Contrast Check

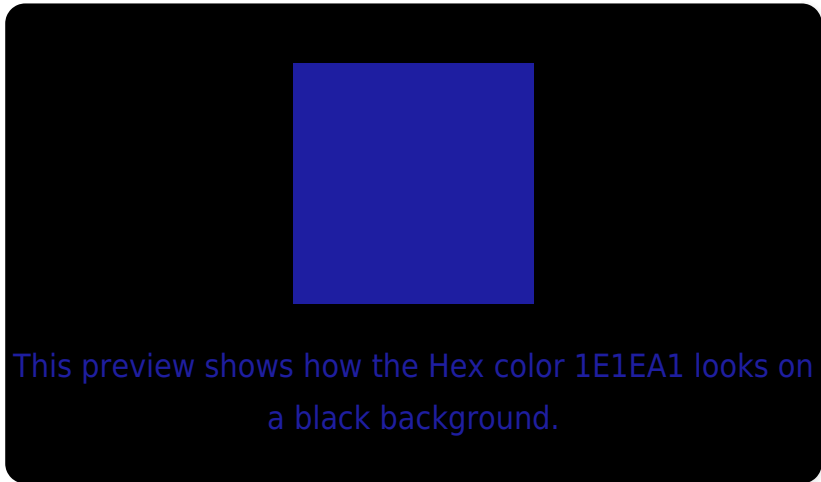
Large Text (above 18pt) WCAG AA ✓ Pass

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

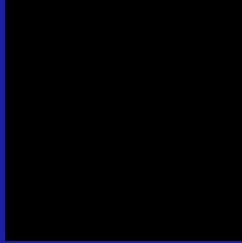
Any Text WCAG AA × Fail

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 1E1EA1 Background



This preview shows how black text looks on a background with the Hex color 1E1EA1.



This preview shows how white text looks on a background with the Hex color 1E1EA1.

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
1E1EA1

Protanopia
003570

Deuteranopia
00395F



Tritanopia
003D41

Trichromacy



Original Color
1E1EA1

Protanomaly
0B2D82

Deuteranomaly
0B2F77

Tritanomaly
0B3264

Monochromacy



Original Color
1E1EA1

Achromatopsia
2D2D2D

Achromatomaly
282857

CSS Examples

Text

The CSS property to change the color of the text to Hex 1E1EA1 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 #1E1EA1 looks like.

```
.text, #text, p{  
    color:#1E1EA1  
}
```

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 #1E1EA1 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #1E1EA1
}
```

Border

The CSS property to change the border of an element to Hex 1E1EA1 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
#1E1EA1 }
```

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

```
.border{ border-color:#1E1EA1 }
```

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

Here you see how a box with a 4 pixel #1E1EA1 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #1E1EA1; -webkit-box-shadow:4px 4px  
4px 4px #1E1EA1; box-shadow:4px 4px 4px  
4px #1E1EA1 }
```

Background

The CSS property to change the background color of an element to Hex 1E1EA1 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#1E1EA1 }
```

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

```
.background{ background-color:#1E1EA1 }
```

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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