

Converting Colors

Hex(1E2C99)

Have a look what the booklet for
Hex(1E2C99) contains.

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Color

Hex(1E2C99)

Conversions

Conversions Part 1

Format	Color
Hex	1E2C99
RGB	30, 44, 153
RGB Percent	12%, 17%, 60%
CMY	0.8824, 0.8275, 0.4000
CMYK	0.80, 0.71, 0.00, 0.40
HSL	233°, 67%, 36%
HSV	233°, 80%, 60%
XYZ	7.1859, 4.3773, 30.6032
YIQ	52.2400, -43.3330, 30.9310

Conversions

Conversions Part 2

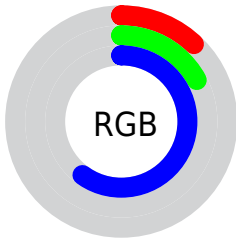
Format	Color
R_{YB}	30, 43, 153
Decimal	1977497
CIE _{Lab}	24.88, 35.21, -60.52
CIE _{LCh}	25, 70.019, 300.188
Yxy	4.3773, 0.1704, 0.1038
Android (android.graphics.Color)	4280167577 (0xFF1E2C99)
YUV	52.2400, 49.6747, -19.5045
Hunter-Lab	20.9220, 24.6942, -72.0797

Details

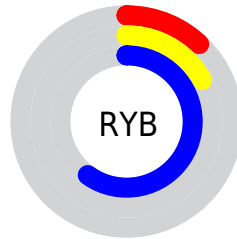
The Hex color **1E2C99** is a dark color, and the websafe version is hex **333399**. A complement of this color would be **998B1E**, and the grayscale version is **343434**.

A 20% lighter version of the original color is **615AD0**, and **000265** is the 20% darker color. If you saturate the color by 10%, you get **0F1E99**, and if you desaturate by 10%, it is **2D3A99**.

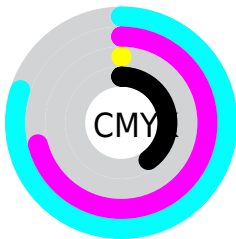
Distribution



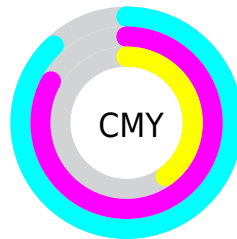
- Red (12%)
- Green (17%)
- Blue (60%)



- Red (12%)
- Yellow (17%)
- Blue (60%)



- Cyan (80%)
- Magenta (71%)
- Yellow (0%)
- Black (40%)



- Cyan (88%)
- Magenta (83%)
- Yellow (40%)

Brightness & Saturation Gradients

These gradients show how the Hex color 1E2C99 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 1E2C99 by changing the saturation by 10% instead.

■ 1E2C99

■ 1E2C99

FFFFFF

■ 00177E

■ 615AD0

■ 000265

■ 7E73ED

■ 00004C

■ 9B8DFF

■ 000434

■ B9A7FF

■ 00021E

■ D6C2FF

■ 000000

■ F4DEFF

■ FFFBFF

■ 1E2C99

■ 1E2C99

■ 0F1E99

■ 2D3A99

■ 001199

■ 3D4799

■ 4C5599

■ 5B6299

■ 6A7099

■ 7A7D99

■ 898B99

■ 989899

■ A8A699

Harmonies

Analogous

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



0044A8



1E2C99



760071

Triad

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



1E2C99



711E00



004E3A

Complementary

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



1E2C99



998B1E

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.



004B00



1E2C99



493A00

Square

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



1E2C99



8B0008



064600



004F70

Rectangle

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



1E2C99



8B004F



064600



004D27

Sweetspot

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



1E2C99



979DC7



1E998B



474A63



E3E3E3



636363

Same Dimension

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



1E2C99



081EC7



4D1E99



45464D



00108C



00010D

Inverse Universe

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



991E2C



C7081E



6A991E



4D4546



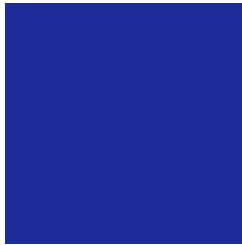
8C0010



0D0001

Previews

White Background



This preview shows how the Hex color 1E2C99 looks on a white background.

Color Contrast Check

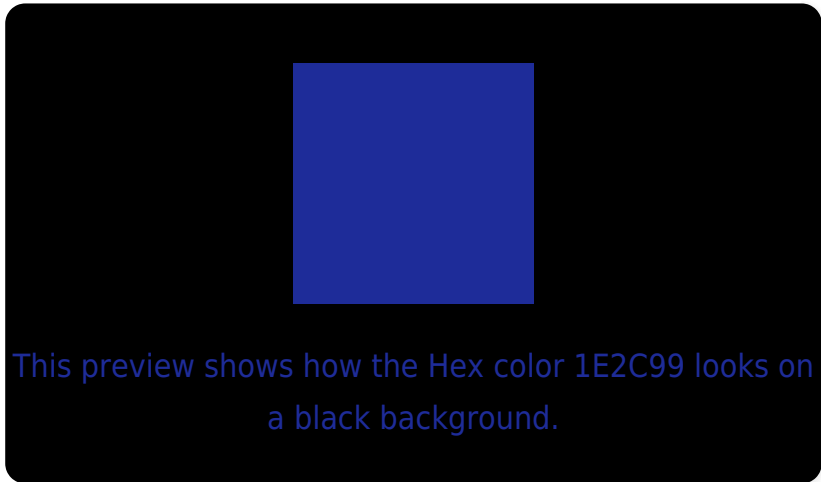
Large Text (above 18pt) WCAG AA ✓ Pass

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

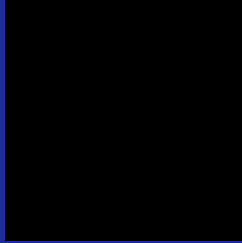
Any Text WCAG AA × Fail

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 1E2C99 Background



This preview shows how black text looks on a background with the Hex color 1E2C99.



This preview shows how white text looks on a background with the Hex color 1E2C99.

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
1E2C99

Protanopia
003978

Deuteranopia
003D67

Trichromacy



Original Color
1E2C99

Protanomaly
0B3484

Deuteranomaly
0B3779

Tritanomaly
0B3A64

Monochromacy



Original Color
1E2C99

Achromatopsia
343434

Achromatomaly
2C3159

CSS Examples

Text

The CSS property to change the color of the text to Hex 1E2C99 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 #1E2C99 looks like.

```
.text, #text, p{  
    color:#1E2C99  
}
```

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 #1E2C99 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #1E2C99
}
```

Border

The CSS property to change the border of an element to Hex 1E2C99 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
#1E2C99 }
```

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

```
.border{ border-color:#1E2C99 }
```

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

Here you see how a box with a 4 pixel #1E2C99 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #1E2C99; -webkit-box-shadow:4px 4px  
4px 4px #1E2C99; box-shadow:4px 4px 4px  
4px #1E2C99 }
```

Background

The CSS property to change the background color of an element to Hex 1E2C99 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#1E2C99 }
```

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

```
.background{ background-color:#1E2C99 }
```

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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