

Converting Colors

Hex(1E2281)

Have a look what the booklet for
Hex(1E2281) contains.

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Color

Hex(1E2281)

Conversions

Conversions Part 1

Format	Color
Hex	1E2281
RGB	30, 34, 129
RGB Percent	12%, 13%, 51%
CMY	0.8824, 0.8667, 0.4941
CMYK	0.77, 0.74, 0.00, 0.49
HSL	238°, 62%, 31%
HSV	238°, 77%, 51%
XYZ	5.0699, 3.0051, 21.0817
YIQ	43.6340, -32.8790, 28.6970

Conversions

Conversions Part 2

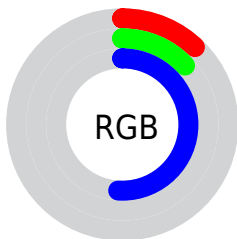
Format	Color
R_{YB}	30, 34, 129
Decimal	1974913
CIE _{Lab}	20.06, 32.77, -53.52
CIE _{LCh}	20, 62.757, 301.475
Yxy	3.0051, 0.1739, 0.1031
Android (android.graphics.Color)	4280164993 (0xFF1E2281)
YUV	43.6340, 42.0854, -11.9570
Hunter-Lab	17.3351, 21.8685, -59.9697

Details

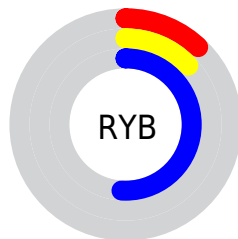
The Hex color **1E2281** is a dark color, and the websafe version is hex **333399**. A complement of this color would be **817D1E**, and the grayscale version is **2B2B2B**.

A 20% lighter version of the original color is **5B4FB7**, and **00004F** is the 20% darker color. If you saturate the color by 10%, you get **111681**, and if you desaturate by 10%, it is **2B2E81**.

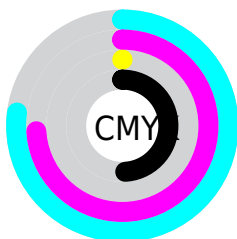
Distribution



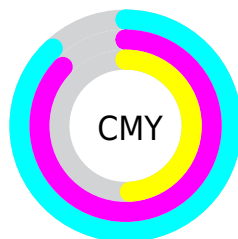
- Red (12%)
- Green (13%)
- Blue (51%)



- Red (12%)
- Yellow (13%)
- Blue (51%)



- Cyan (77%)
- Magenta (74%)
- Yellow (0%)
- Black (49%)



- Cyan (88%)
- Magenta (87%)
- Yellow (49%)

Brightness & Saturation Gradients

These gradients show how the Hex color 1E2281 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 1E2281 by changing the saturation by 10% instead.

■ 1E2281

■ 1E2281

FFFFFF

■ 000D67

■ 5B4FB7

■ 00004F

■ 7868D3

■ 000537

■ 9481F0

■ 000220

■ B09BFF

■ 000005

■ CDB6FF

■ 000000

■ EAD2FF

■ FFEEFF

■ 1E2281

■ 1E2281

■ 111681

■ 2B2E81

■ 040981

■ 383B81

■ 000581

■ 454781

■ 525481

■ 5F6081

■ 6B6C81

■ 787981

■ 858581

■ 929181

Harmonies

Analogous

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



00378F



1E2281



65005D

Triad

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



1E2281



5E1800



004132

Complementary

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



1E2281



817D1E

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.



003F00



1E2281



3B3000

Square

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



1E2281



750000



003A00



004160

Rectangle

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



1E2281



760040



003A00



004021

Sweetspot

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



1E2281



8283A8



1E817C



3D3E54



D4D4D4



545454

Same Dimension

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



1E2281



0D14A8



4B1E81



393A40



000580



000000

Inverse Universe

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



811E22



A80D14



54811E



40393A



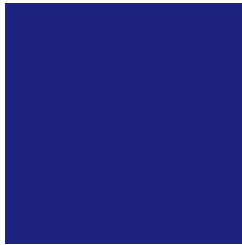
800005



000000

Previews

White Background



This preview shows how the Hex color 1E2281 looks on a white background.

Color Contrast Check

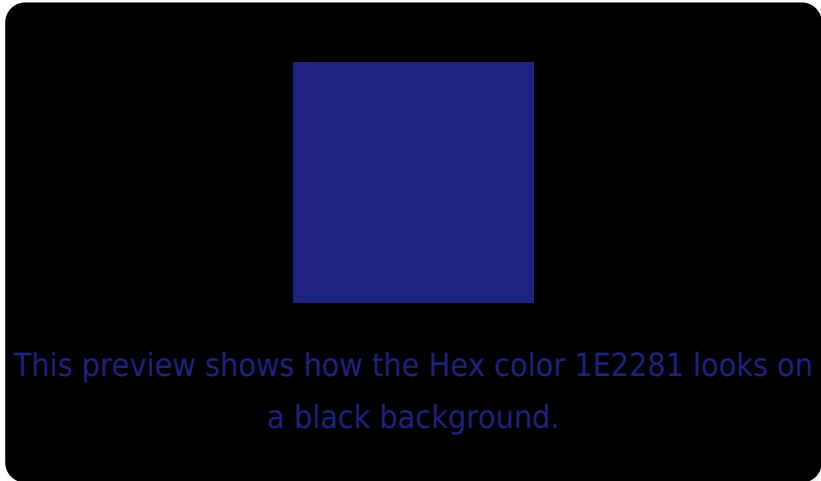
Large Text (above 18pt) WCAG AA ✓ Pass

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

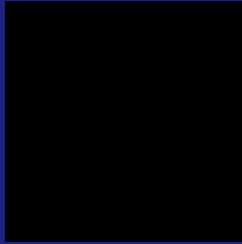
Any Text WCAG AA × Fail

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 1E2281 Background



This preview shows how black text looks on a background with the Hex color 1E2281.



This preview shows how white text looks on a background with the Hex color 1E2281.

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
1E2281

Protanopia
002F63

Deuteranopia
003255



Tritanopia
00363A

Trichromacy



Original Color
1E2281

Protanomaly
0B2A6E

Deuteranomaly
0B2C65

Tritanomaly
0B2F54

Monochromacy



Original Color
1E2281

Achromatopsia
2C2C2C

Achromatomaly
27284B

CSS Examples

Text

The CSS property to change the color of the text to Hex 1E2281 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 #1E2281 looks like.

```
.text, #text, p{  
    color:#1E2281  
}
```

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 #1E2281 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #1E2281
}
```

Border

The CSS property to change the border of an element to Hex 1E2281 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
#1E2281 }
```

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

```
.border{ border-color:#1E2281 }
```

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

Here you see how a box with a 4 pixel #1E2281 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #1E2281; -webkit-box-shadow:4px 4px  
4px 4px #1E2281; box-shadow:4px 4px 4px  
4px #1E2281 }
```

Background

The CSS property to change the background color of an element to Hex 1E2281 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#1E2281 }
```

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

```
.background{ background-color:#1E2281 }
```

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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