

Converting Colors

Hex(1E0D85)

Have a look what the booklet for
Hex(1E0D85) contains.

Hex(1E0D85)	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(1E0D85)

Conversions

Conversions Part 1

Format	Color
Hex	1E0D85
RGB	30, 13, 133
RGB Percent	12%, 5%, 52%
CMY	0.8824, 0.9490, 0.4784
CMYK	0.77, 0.90, 0.00, 0.48
HSL	248°, 82%, 29%
HSV	248°, 90%, 52%
XYZ	4.9130, 2.2573, 22.3671
YIQ	31.7630, -28.3880, 40.9240

Conversions

Conversions Part 2

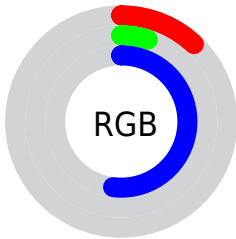
Format	Color
R_{YB}	30, 13, 133
Decimal	1969541
CIE _{Lab}	16.78, 44.95, -61.49
CIE _{LCh}	17, 76.161, 306.167
Yxy	2.2573, 0.1663, 0.0764
Android (android.graphics.Color)	4280159621 (0xFF1E0D85)
YUV	31.7630, 49.9098, -1.5462
Hunter-Lab	15.0244, 32.0769, -77.7490




Details

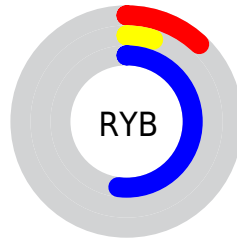
The Hex color **1E0D85** is a dark color, and the websafe version is hex **000066**. A complement of this color would be **74850D**, and the grayscale version is **1F1F1F**.




A 20% lighter version of the original color is **5E3EBB**, and **000052** is the 20% darker color. If you saturate the color by 10%, you get **130085**, and if you desaturate by 10%, it is **291A85**.

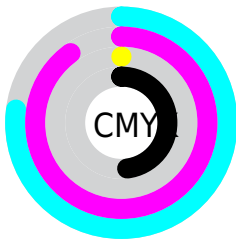
Distribution







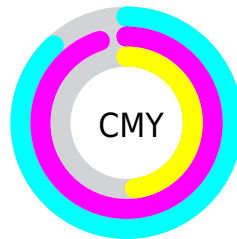
-  Red (12%)
-  Green (5%)
-  Blue (52%)






-  Red (12%)
-  Yellow (5%)
-  Blue (52%)



-  Cyan (77%)
-  Magenta (90%)
-  Yellow (0%)
-  Black (48%)



-  Cyan (88%)
-  Magenta (95%)
-  Yellow (48%)

Brightness & Saturation Gradients

These gradients show how the Hex color 1E0D85 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 1E0D85 by changing the saturation by 10% instead.

 1E0D85

 1E0D85

 FFF9FF

 00006B

 5E3EBB

 000052

 7B56D8

 00053A

 986FF5

 000223

 B589FF

 00000A

 D2A4FF

 000000

 F0C0FF

 FFDCFF

 1E0D85

 1E0D85

■ 130085

■ 291A85

■ 352885

■ 403585

■ 4C4285

■ 575085

■ 625D85

■ 6E6A85

■ 797785

■ 858585

Harmonies

Analogous

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



00319B



1E0D85



6D0057

Triad

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



1E0D85



550F00



003B34

Complementary

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



1E0D85



74850D

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.



003A00



1E0D85



2A2C00

Square

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



1E0D85



730000



003500



003C6B

Rectangle

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



1E0D85



7C0033



003500



003B21

Sweetspot

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



1E0D85



857FAD



0D7585



3F3B57



D6D6D6



575757

Same Dimension

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



1E0D85



1900AD



590D85



3D3C42



120082



000003

Inverse Universe

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



850D74



AD0095



39850D



423C41



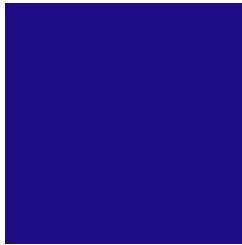
820070



030002

Previews

White Background



This preview shows how the Hex color 1E0D85 looks on a white background.

Color Contrast Check

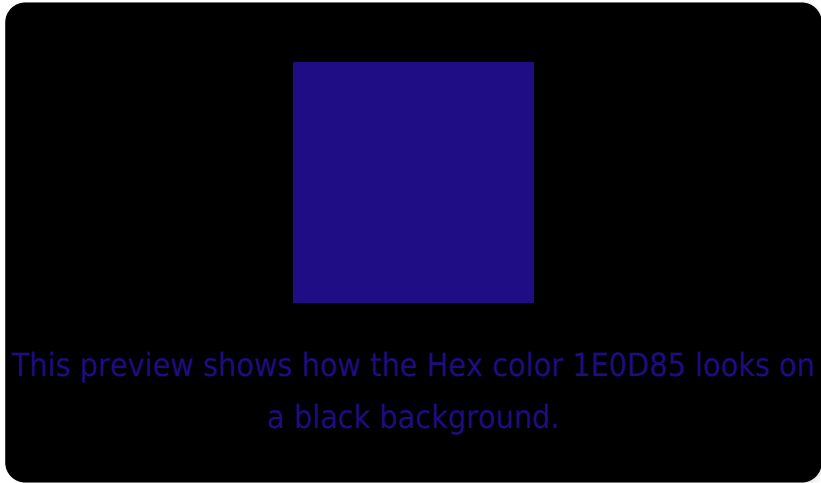
Large Text (above 18pt) WCAG AA ✓ Pass

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

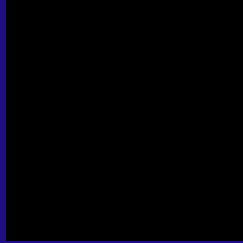
Any Text WCAG AA × Fail

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 1E0D85 Background



This preview shows how black text looks on a background with the Hex color 1E0D85.



This preview shows how white text looks on a background with the Hex color 1E0D85.

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
1E0D85

Protanopia
002A58

Deuteranopia
002D4A

Trichromacy



Original Color
1E0D85

Protanomaly
0B1F68

Deuteranomaly
0B215F

Tritanomaly
0B2351

Monochromacy



Original Color
1E0D85

Achromatopsia
202020

Achromatomaly
1F1945

CSS Examples

Text

The CSS property to change the color of the text to Hex 1E0D85 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 #1E0D85 looks like.

```
.text, #text, p{  
    color:#1E0D85  
}
```

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 #1E0D85 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #1E0D85
}
```

Border

The CSS property to change the border of an element to Hex 1E0D85 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
#1E0D85 }
```

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

```
.border{ border-color:#1E0D85 }
```

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

Here you see how a box with a 4 pixel #1E0D85 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #1E0D85; -webkit-box-shadow:4px 4px  
4px 4px #1E0D85; box-shadow:4px 4px 4px  
4px #1E0D85 }
```

Background

The CSS property to change the background color of an element to Hex 1E0D85 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#1E0D85 }
```

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

```
.background{ background-color:#1E0D85 }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor