

Converting Colors

Hex(1E1342)

Have a look what the booklet for
Hex(1E1342) contains.

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Color

Hex(1E1342)

Conversions

Conversions Part 1

Format	Color
Hex	1E1342
RGB	30, 19, 66
RGB Percent	12%, 7%, 26%
CMY	0.8824, 0.9255, 0.7412
CMYK	0.55, 0.71, 0.00, 0.74
HSL	254°, 55%, 17%
HSV	254°, 71%, 26%
XYZ	1.7517, 1.1351, 5.2810
YIQ	27.6470, -8.5310, 16.9490

Conversions

Conversions Part 2

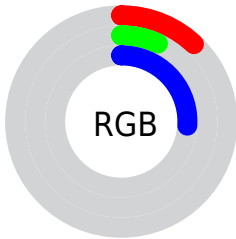
Format	Color
R_{YB}	30, 19, 66
Decimal	1971010
CIE _{Lab}	10.07, 19.70, -27.99
CIE _{LCh}	10, 34.228, 305.141
Yxy	1.1351, 0.2145, 0.1390
Android (android.graphics.Color)	4280161090 (0xFF1E1342)
YUV	27.6470, 18.9080, 2.0636
Hunter-Lab	10.6542, 10.7026, -21.9308




Details

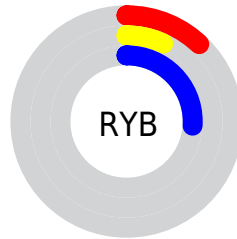
The Hex color **1E1342** is a dark color, and the websafe version is hex **000033**. A complement of this color would be **374213**, and the grayscale version is **1B1B1B**.




A 20% lighter version of the original color is **4E3E73**, and **000116** is the 20% darker color. If you saturate the color by 10%, you get **190C42**, and if you desaturate by 10%, it is **231A42**.

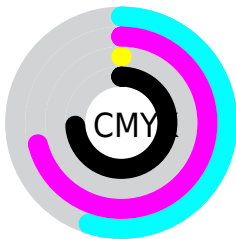
Distribution







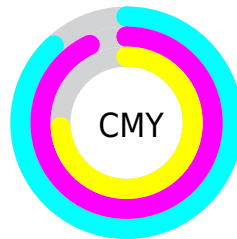
-  Red (12%)
-  Green (7%)
-  Blue (26%)






-  Red (12%)
-  Yellow (7%)
-  Blue (26%)



-  Cyan (55%)
-  Magenta (71%)
-  Yellow (0%)
-  Black (74%)



-  Cyan (88%)
-  Magenta (93%)
-  Yellow (74%)

Brightness & Saturation Gradients

These gradients show how the Hex color 1E1342 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 1E1342 by changing the saturation by 10% instead.

■ 1E1342

■ 1E1342

■ FFF5FF

■ 0D002C

■ 4E3E73

■ 000116

■ 67558C

■ 000000

■ 806EA7

■ 9B87C2

■ B6A1DE

■ D2BCFB

■ EFD8FF

■ 1E1342

■ 1E1342

■ 190C42

■ 231A42

■ 140642

■ 282042

■ 0F0042

■ 2D2742

■ 322D42

■ 373442

■ 3C3B42

■ 414142

■ 464842

■ 4B4E42

Harmonies

Analogous

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



001E4A



1E1342



390230

Triad

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



1E1342



331300



00261F

Complementary

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



1E1342



374213

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.



002500



1E1342



201C00

Square

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



1E1342



400300



042200



002636

Rectangle

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



1E1342



410020



042200



002617

Sweetspot

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



1E1342



494457



133742



23212B



ABABAB



2B2B2B

Same Dimension

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



1E1342



1E0D57



351342



1F1E21



170061



3500E0

Inverse Universe

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



421337



570D45



204213



211E20



61004A



E000AC

Previews

White Background



This preview shows how the Hex color 1E1342 looks on a white background.

Color Contrast Check

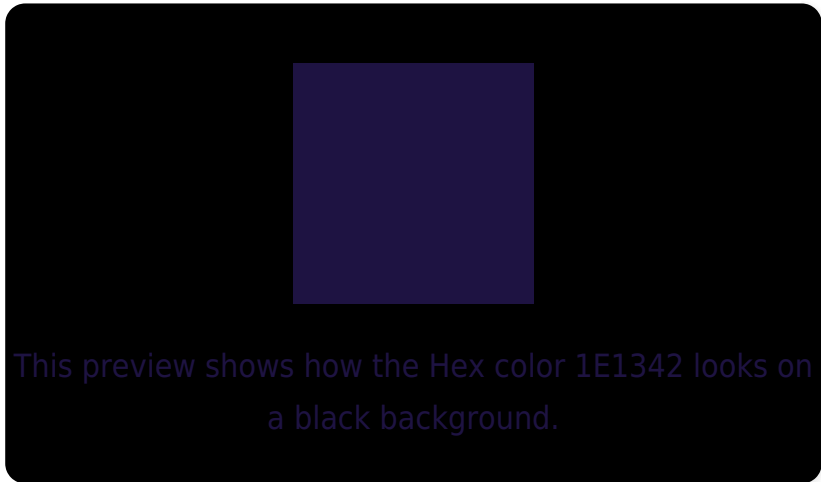
Large Text (above 18pt) WCAG AA ✓ Pass

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

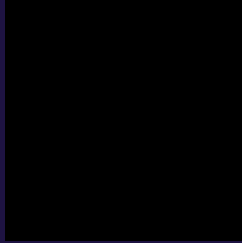
Any Text WCAG AA × Fail

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 1E1342 Background



This preview shows how black text looks on a background with the Hex color 1E1342.



This preview shows how white text looks on a background with the Hex color 1E1342.

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
1E1342

Protanopia
001B3A

Deuteranopia
001D32



Tritanopia
121E21

Trichromacy



Original Color
1E1342

Protanomaly
0B183D

Deuteranomaly
0B1938

Tritanomaly
161A2D

Monochromacy



Original Color
1E1342

Achromatopsia
1C1C1C

Achromatomaly
1D192A

CSS Examples

Text

The CSS property to change the color of the text to Hex 1E1342 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 #1E1342 looks like.

```
.text, #text, p{  
    color:#1E1342  
}
```

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 #1E1342 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #1E1342
}
```

Border

The CSS property to change the border of an element to Hex 1E1342 is called "border". The border property can be set on classes, ids or directly on the HTML element.

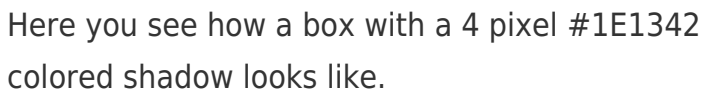
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#1E1342 }
```

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

```
.border{ border-color:#1E1342 }
```

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



Here you see how a box with a 4 pixel #1E1342 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #1E1342; -webkit-box-shadow:4px 4px  
4px 4px #1E1342; box-shadow:4px 4px 4px  
4px #1E1342 }
```

Background

The CSS property to change the background color of an element to Hex 1E1342 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#1E1342 }
```

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

```
.background{ background-color:#1E1342 }
```

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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