

Converting Colors

Hex(1E1E59)

Have a look what the booklet for
Hex(1E1E59) contains.

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Color

Hex(1E1E59)

Conversions

Conversions Part 1

Format	Color
Hex	1E1E59
RGB	30, 30, 89
RGB Percent	12%, 12%, 35%
CMY	0.8824, 0.8824, 0.6510
CMYK	0.66, 0.66, 0.00, 0.65
HSL	240°, 50%, 23%
HSV	240°, 66%, 35%
XYZ	2.8029, 1.9258, 9.6752
YIQ	36.7260, -18.9390, 18.3490

Conversions

Conversions Part 2

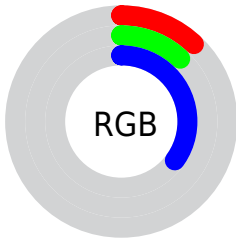
Format	Color
RYB	30, 30, 89
Decimal	1973849
CIELab	15.09, 20.45, -35.64
CIElCh	15, 41.091, 299.851
Yxy	1.9258, 0.1946, 0.1337
Android (android.graphics.Color)	4280163929 (0xFF1E1E59)
YUV	36.7260, 25.7711, -5.8987
Hunter-Lab	13.8774, 11.7666, -31.6221

Details

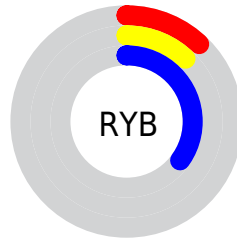
The Hex color **1E1E59** is a dark color, and the websafe version is hex **333366**. A complement of this color would be **59591E**, and the grayscale version is **242424**.

A 20% lighter version of the original color is **524A8C**, and **00032A** is the 20% darker color. If you saturate the color by 10%, you get **151559**, and if you desaturate by 10%, it is **272759**.

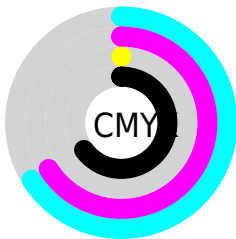
Distribution



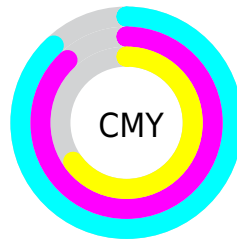
- Red (12%)
- Green (12%)
- Blue (35%)



- Red (12%)
- Yellow (12%)
- Blue (35%)



- Cyan (66%)
- Magenta (66%)
- Yellow (0%)
- Black (65%)



- Cyan (88%)
- Magenta (88%)
- Yellow (65%)

Brightness & Saturation Gradients

These gradients show how the Hex color 1E1E59 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 1E1E59 by changing the saturation by 10% instead.

■ 1E1E59

■ 1E1E59

FFFFFF

■ 000841

■ 524A8C

■ 00032A

■ 6B62A6

■ 000115

■ 867BC2

■ 000000

■ A194DE

■ BDAFFB

■ D9CBFF

■ F6E7FF

■ 1E1E59

■ 1E1E59

■ 151559

■ 272759

■ 0C0C59

■ 303059

■ 030359

■ 393959

■ 000059

■ 424259

■ 4B4B59

■ 535359

■ 5C5C59

■ 656559

■ 6E6E59

Harmonies

Analogous

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



002A61



1E1E59



470844

Triad

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



1E1E59



461800



003225

Complementary

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



1E1E59



59591E

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.



003001



1E1E59



302500

Square

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



1E1E59



540107



132C00



003242

Rectangle

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



1E1E59



530031



132C00



00311B

Sweetspot

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



1E1E59



5C5C73



1E5959



2D2D3B



BABABA



3B3B3B

Same Dimension

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



1E1E59



171773



3B1E59



27272B



00006B



0000EB

Inverse Universe

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



591E59



731773



3B591E



2B272B



6B006B



EB00EB

Previews

White Background



This preview shows how the Hex color 1E1E59 looks on a white background.

Color Contrast Check

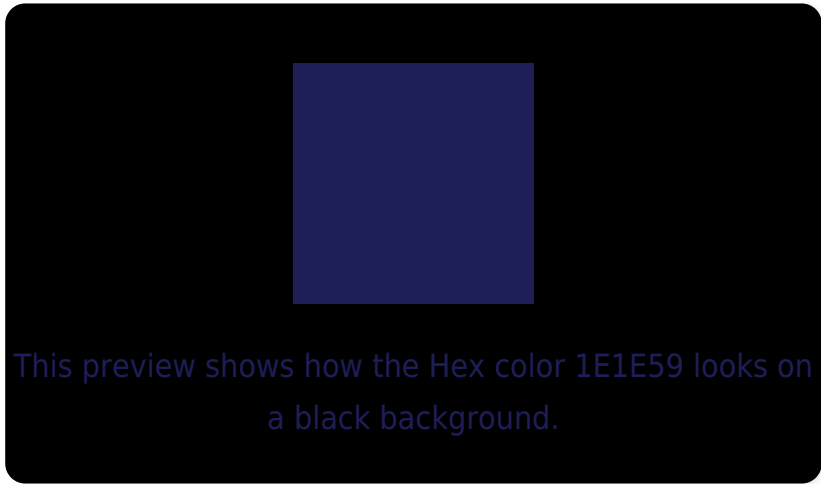
Large Text (above 18pt) WCAG AA ✓ Pass

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

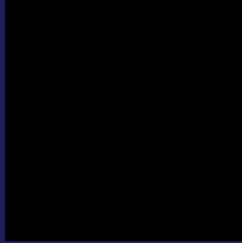
Any Text WCAG AA × Fail

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 1E1E59 Background



This preview shows how black text looks on a background with the Hex color 1E1E59.



This preview shows how white text looks on a background with the Hex color 1E1E59.

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
1E1E59

Protanopia
00254E

Deuteranopia
002743



Tritanopia
002B2E

Trichromacy



Original Color
1E1E59

Protanomaly
0B2252

Deuteranomaly
0B244B

Tritanomaly
0B263E

Monochromacy



Original Color
1E1E59

Achromatopsia
252525

Achromatomaly
222238

CSS Examples

Text

The CSS property to change the color of the text to Hex 1E1E59 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 #1E1E59 looks like.

```
.text, #text, p{  
    color:#1E1E59  
}
```

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 #1E1E59 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #1E1E59
}
```

Border

The CSS property to change the border of an element to Hex 1E1E59 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".

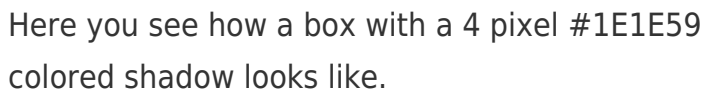
```
.border, #border, table{ border:4px solid
#1E1E59 }
```

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

```
.border{ border-color:#1E1E59 }
```

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

Here you see how a box with a 4 pixel #1E1E59 colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #1E1E59; -webkit-box-shadow:4px 4px  
4px 4px #1E1E59; box-shadow:4px 4px 4px  
4px #1E1E59 }
```

Background

The CSS property to change the background color of an element to Hex 1E1E59 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#1E1E59 }
```

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

```
.background{ background-color:#1E1E59 }
```

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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