

Converting Colors

Hex(1D193E)

Have a look what the booklet for
Hex(1D193E) contains.

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Color

Hex(1D193E)

Conversions

Conversions Part 1

Format	Color
Hex	1D193E
RGB	29, 25, 62
RGB Percent	11%, 10%, 24%
CMY	0.8863, 0.9020, 0.7569
CMYK	0.53, 0.60, 0.00, 0.76
HSL	246°, 43%, 17%
HSV	246°, 60%, 24%
XYZ	1.7238, 1.3043, 4.7183
YIQ	30.4140, -9.4930, 12.3550

Conversions

Conversions Part 2

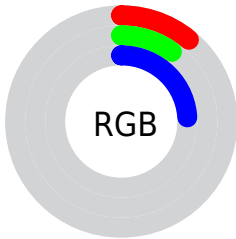
Format	Color
RYB	29, 25, 62
Decimal	1907006
CIELab	11.31, 13.67, -23.17
CIELCh	11, 26.904, 300.543
Yxy	1.3043, 0.2225, 0.1684
Android (android.graphics.Color)	4280097086 (0xFF1D193E)
YUV	30.4140, 15.5719, -1.2401
Hunter-Lab	11.4205, 6.9573, -16.5011

Details

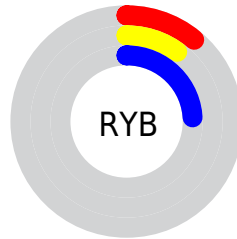
The Hex color **1D193E** is a dark color, and the websafe version is hex **000033**. A complement of this color would be **3A3E19**, and the grayscale version is **1E1E1E**.

A 20% lighter version of the original color is **4C446E**, and **000112** is the 20% darker color. If you saturate the color by 10%, you get **17133E**, and if you desaturate by 10%, it is **231F3E**.

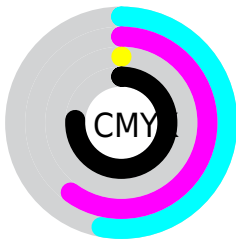
Distribution



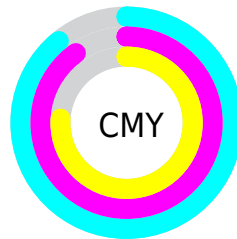
- Red (11%)
- Green (10%)
- Blue (24%)



- Red (11%)
- Yellow (10%)
- Blue (24%)



- Cyan (53%)
- Magenta (60%)
- Yellow (0%)
- Black (76%)



- Cyan (89%)
- Magenta (90%)
- Yellow (76%)

Brightness & Saturation Gradients

These gradients show how the Hex color 1D193E 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 1D193E by changing the saturation by 10% instead.

■ 1D193E

■ 1D193E

■ FFFCFF

■ 0A0028

■ 4C446E

■ 000112

■ 645C87

■ 000000

■ 7E74A2

■ 988EBD

■ B3A8D9

■ CFC3F5

■ EBDFFF

■ 1D193E

■ 1D193E

■ 17133E

■ 231F3E

■ 120D3E

■ 28253E

■ 0C063E

■ 2E2C3E

■ 07003E

■ 33323E

■ 39383E

■ 3E3E3E

■ 44443E

■ 494B3E

■ 4F513E

Harmonies

Analogous

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



002043



1D193E



341030

Triad

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



1D193E



351600



00271E

Complementary

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



1D193E



3A3E19

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.



002508



1D193E



271D00

Square

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



1D193E



3D0D09



152200



002630

Rectangle

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



1D193E



3C0A25



152200



002617

Sweetspot

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



1D193E



444352



193A3E



212029



A8A8A8



292929

Same Dimension

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



1D193E



1D1752



2F193E



1C1C1F



0A005E



1800DE

Inverse Universe

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



3E193A



52174B



283E19



1F1C1E



5E0054



DE00C6

Previews

White Background



This preview shows how the Hex color 1D193E looks on a white background.

Color Contrast Check

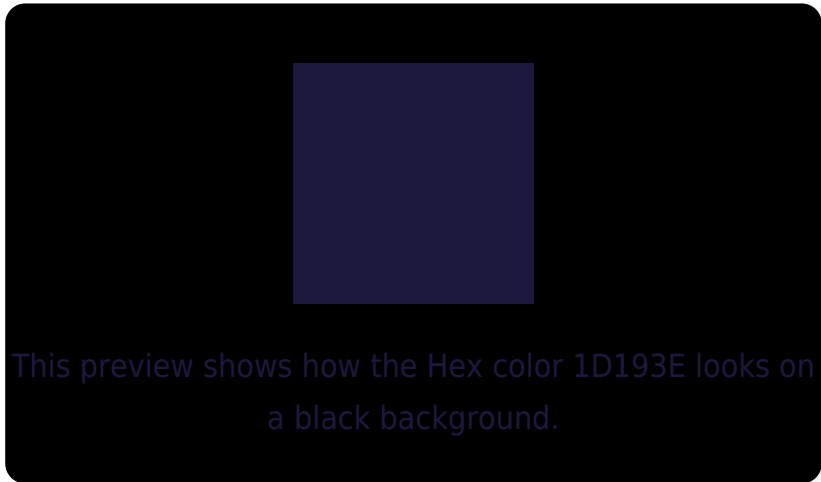
Large Text (above 18pt) WCAG AA ✓ Pass

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

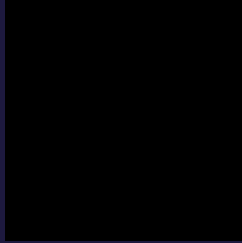
Any Text WCAG AA × Fail

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 1D193E Background



This preview shows how black text looks on a background with the Hex color 1D193E.



This preview shows how white text looks on a background with the Hex color 1D193E.

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
1D193E

Protanopia
001D3E

Tritanopia
142023

Trichromacy



Original Color
1D193E

Protanomaly
0B1C3E

Tritanomaly
171D2D

Monochromacy



Original Color
1D193E

Achromatopsia
1E1E1E

Achromatomaly
1E1C2A

CSS Examples

Text

The CSS property to change the color of the text to Hex 1D193E 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 #1D193E looks like.

```
.text, #text, p{  
    color:#1D193E  
}
```

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 #1D193E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #1D193E
}
```

Border

The CSS property to change the border of an element to Hex 1D193E 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
#1D193E }
```

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

```
.border{ border-color:#1D193E }
```

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

Here you see how a box with a 4 pixel #1D193E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #1D193E; -webkit-box-shadow:4px 4px  
4px 4px #1D193E; box-shadow:4px 4px 4px  
4px #1D193E }
```

Background

The CSS property to change the background color of an element to Hex 1D193E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#1D193E }
```

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

```
.background{ background-color:#1D193E }
```

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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