

Converting Colors

Hex(23193E)

Have a look what the booklet for
Hex(23193E) contains.

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Color

Hex(23193E)

Conversions

Conversions Part 1

Format	Color
Hex	23193E
RGB	35, 25, 62
RGB Percent	14%, 10%, 24%
CMY	0.8627, 0.9020, 0.7569
CMYK	0.44, 0.60, 0.00, 0.76
HSL	256°, 43%, 17%
HSV	256°, 60%, 24%
XYZ	1.9103, 1.4004, 4.7270
YIQ	32.2080, -5.9170, 13.6270

Conversions

Conversions Part 2

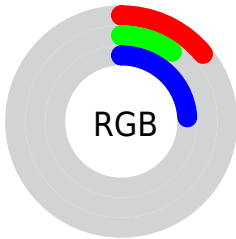
Format	Color
RYB	35, 25, 62
Decimal	2300222
CIELab	11.96, 15.42, -22.08
CIElCh	12, 26.938, 304.931
Yxy	1.4004, 0.2377, 0.1742
Android (android.graphics.Color)	4280490302 (0xFF23193E)
YUV	32.2080, 14.6875, 2.4486
Hunter-Lab	11.8338, 8.1052, -15.3999

Details

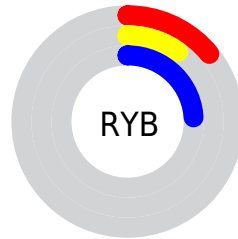
The Hex color **23193E** is a dark color, and the websafe version is hex **000033**. A complement of this color would be **343E19**, and the grayscale version is **202020**.

A 20% lighter version of the original color is **52446E**, and **000112** is the 20% darker color. If you saturate the color by 10%, you get **1E133E**, and if you desaturate by 10%, it is **281F3E**.

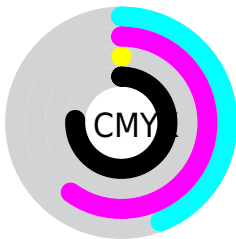
Distribution



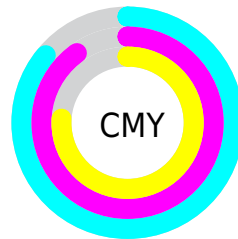
- Red (14%)
- Green (10%)
- Blue (24%)



- Red (14%)
- Yellow (10%)
- Blue (24%)



- Cyan (44%)
- Magenta (60%)
- Yellow (0%)
- Black (76%)



- Cyan (86%)
- Magenta (90%)
- Yellow (76%)

Brightness & Saturation Gradients

These gradients show how the Hex color 23193E 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 23193E by changing the saturation by 10% instead.

■ 23193E

■ 23193E

■ FFFDFF

■ 110028

■ 52446E

■ 000112

■ 6A5C87

■ 000000

■ 8475A2

■ 9E8EBD

■ B9A9D9

■ D5C4F5

■ F2E0FF

■ 23193E

■ 23193E

■ 1E133E

■ 281F3E

■ 1A0D3E

■ 2C253E

■ 15063E

■ 312C3E

■ 11003E

■ 35323E

■ 3A383E

■ 3E3E3E

■ 43443E

■ 474B3E

■ 4C513E

Harmonies

Analogous

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



002145



23193E



38102F

Triad

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



23193E



351800



002822

Complementary

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



23193E



343E19

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.



00270E



23193E



262000

Square

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



23193E



3E1007



142400



002834

Rectangle

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



23193E



3E0B23



142400



00281C

Sweetspot

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



23193E



474352



19343E



222029



A8A8A8



292929

Same Dimension

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



23193E



271752



35193E



1C1C1F



19005E



3C00DE

Inverse Universe

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



3E1934



521742



223E19



1F1C1E



5E0045



DE00A2

Previews

White Background



This preview shows how the Hex color 23193E looks on a white background.

Color Contrast Check

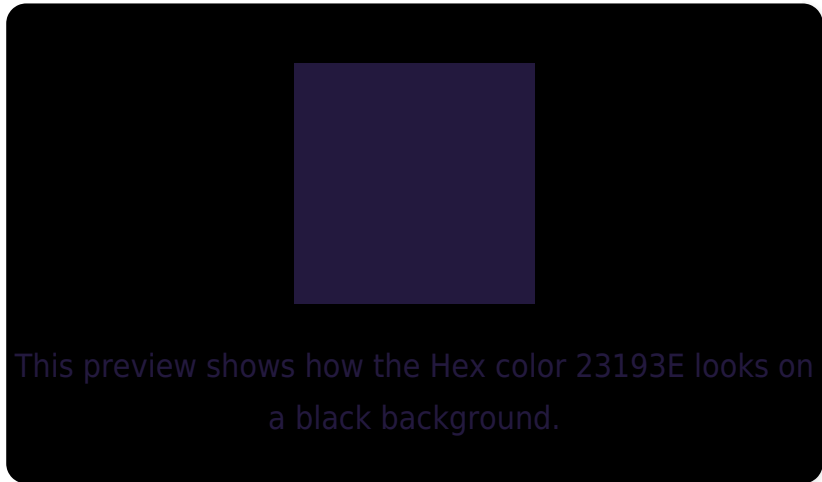
Large Text (above 18pt) WCAG AA ✓ Pass

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

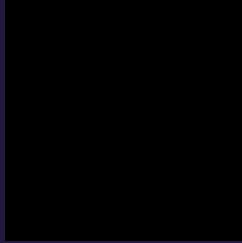
Any Text WCAG AA × Fail

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 23193E Background



This preview shows how black text looks on a background with the Hex color 23193E.



This preview shows how white text looks on a background with the Hex color 23193E.

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
23193E

Protanopia
001F41

Deuteranopia
002139

Trichromacy



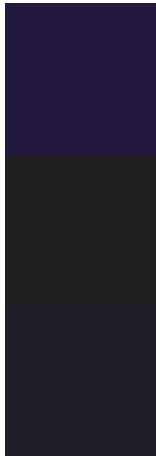
Original Color
23193E

Protanomaly
0D1D40

Deuteranomaly
0D1E3B

Tritanomaly
1F1D2D

Monochromacy



Original Color
23193E

Achromatopsia
202020

Achromatomaly
211D2B

CSS Examples

Text

The CSS property to change the color of the text to Hex 23193E 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 #23193E looks like.

```
.text, #text, p{  
    color:#23193E  
}
```

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 #23193E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #23193E
}
```

Border

The CSS property to change the border of an element to Hex 23193E 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
#23193E }
```

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

```
.border{ border-color:#23193E }
```

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

Here you see how a box with a 4 pixel #23193E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #23193E; -webkit-box-shadow:4px 4px  
4px 4px #23193E; box-shadow:4px 4px 4px  
4px #23193E }
```

Background

The CSS property to change the background color of an element to Hex 23193E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#23193E }
```

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

```
.background{ background-color:#23193E }
```

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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