

Converting Colors

Hex(27193C)

Have a look what the booklet for
Hex(27193C) contains.

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Color

Hex(27193C)

Conversions

Conversions Part 1

Format	Color
Hex	27193C
RGB	39, 25, 60
RGB Percent	15%, 10%, 24%
CMY	0.8471, 0.9020, 0.7647
CMYK	0.35, 0.58, 0.00, 0.76
HSL	264°, 41%, 17%
HSV	264°, 58%, 24%
XYZ	1.9999, 1.4528, 4.4500
YIQ	33.1760, -2.8910, 13.8530

Conversions

Conversions Part 2

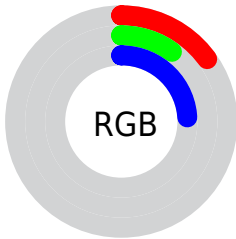
Format	Color
RYB	39, 25, 60
Decimal	2562364
CIELab	12.31, 16.03, -20.09
CIElCh	12, 25.703, 308.593
Yxy	1.4528, 0.2531, 0.1838
Android (android.graphics.Color)	4280752444 (0xFF27193C)
YUV	33.1760, 13.2242, 5.1076
Hunter-Lab	12.0534, 8.5240, -13.4519

Details

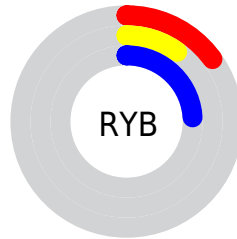
The Hex color **27193C** is a dark color, and the websafe version is hex **000033**. A complement of this color would be **2E3C19**, and the grayscale version is **212121**.

A 20% lighter version of the original color is **55446C**, and **000110** is the 20% darker color. If you saturate the color by 10%, you get **23133C**, and if you desaturate by 10%, it is **2B1F3C**.

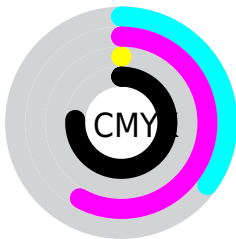
Distribution



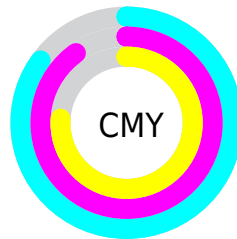
- Red (15%)
- Green (10%)
- Blue (24%)



- Red (15%)
- Yellow (10%)
- Blue (24%)



- Cyan (35%)
- Magenta (58%)
- Yellow (0%)
- Black (76%)



- Cyan (85%)
- Magenta (90%)
- Yellow (76%)

Brightness & Saturation Gradients

These gradients show how the Hex color 27193C 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 27193C by changing the saturation by 10% instead.

■ 27193C

■ 27193C

■ FFFDFF

■ 150026

■ 55446C

■ 000110

■ 6E5C85

■ 000000

■ 88759F

■ A28EBA

■ BEA9D6

■ DAC4F2

■ F6E0FF

■ 27193C

■ 27193C

■ 23133C

■ 2B1F3C

■ 200D3C

■ 2E253C

■ 1C073C

■ 322B3C

■ 19013C

■ 35313C

■ 18003C

■ 39373C

■ 3D3D3C

■ 40433C

■ 44493C

■ 474F3C

Harmonies

Analogous

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



002143



27193C



39112D

Triad

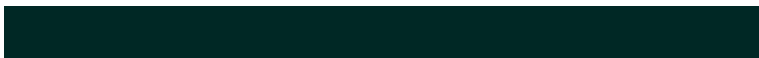
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



27193C



331A00



002825

Complementary

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



27193C



2E3C19

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.



002712



27193C



252100

Square

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



27193C



3D1207



132500



002836

Rectangle

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



27193C



3E0D22



132500



00281F

Sweetspot

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



27193C



47414F



192E3C



232029



A8A8A8



292929

Same Dimension

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



27193C



2E184F



39193C



1D1C1F



26005E



5900DE

Inverse Universe

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



3C192E



4F1839



1C3C19



1F1C1D



5E0039



DE0085

Previews

White Background



This preview shows how the Hex color 27193C looks on a white background.

Color Contrast Check

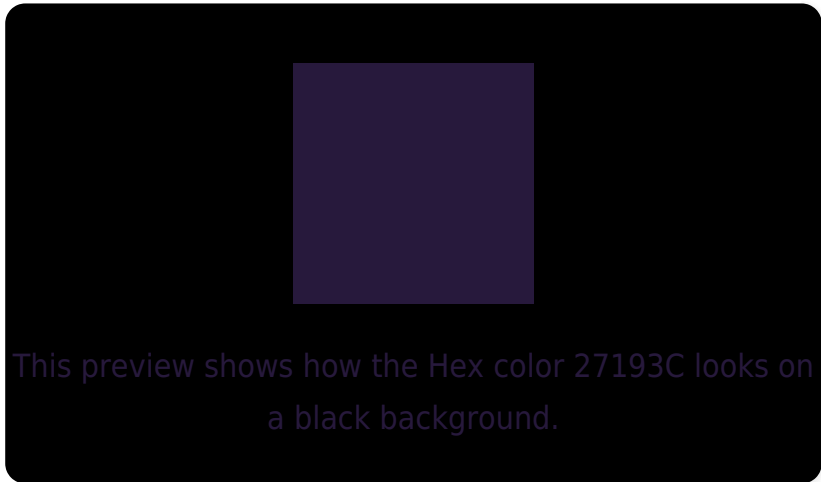
Large Text (above 18pt) WCAG AA ✓ Pass

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

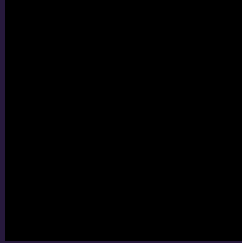
Any Text WCAG AA × Fail

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 27193C Background



This preview shows how black text looks on a background with the Hex color 27193C.



This preview shows how white text looks on a background with the Hex color 27193C.

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
27193C

Protanopia
021F43

Deuteranopia
07213A

Trichromacy



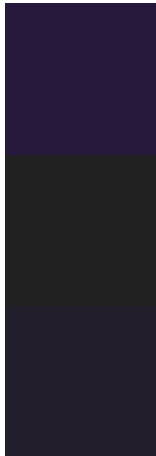
Original Color
27193C

Protanomaly
0F1D40

Deuteranomaly
131E3B

Tritanomaly
241D2B

Monochromacy



Original Color
27193C

Achromatopsia
212121

Achromatomaly
231E2B

CSS Examples

Text

The CSS property to change the color of the text to Hex 27193C 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 #27193C looks like.

```
.text, #text, p{  
    color:#27193C  
}
```

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 #27193C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #27193C
}
```

Border

The CSS property to change the border of an element to Hex 27193C is called "border". The border property can be set on classes, ids or directly on the HTML element.

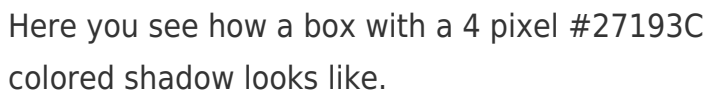
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#27193C }
```

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

```
.border{ border-color:#27193C }
```

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



Here you see how a box with a 4 pixel #27193C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #27193C; -webkit-box-shadow:4px 4px  
4px 4px #27193C; box-shadow:4px 4px 4px  
4px #27193C }
```

Background

The CSS property to change the background color of an element to Hex 27193C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#27193C }
```

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

```
.background{ background-color:#27193C }
```

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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