

Converting Colors

Hex(23291E)

Have a look what the booklet for
Hex(23291E) contains.

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Color

Hex(23291E)

Conversions

Conversions Part 1

Format	Color
Hex	23291E
RGB	35, 41, 30
RGB Percent	14%, 16%, 12%
CMY	0.8627, 0.8392, 0.8824
CMYK	0.15, 0.00, 0.27, 0.84
HSL	93°, 15%, 14%
HSV	93°, 27%, 16%
XYZ	1.7204, 2.0369, 1.5308
YIQ	37.9520, -0.0450, -4.6930

Conversions

Conversions Part 2

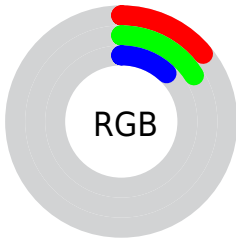
Format	Color
RYB	30, 41, 36
Decimal	2304286
CIELab	15.68, -5.27, 6.35
CIELCh	16, 8.252, 129.692
Yxy	2.0369, 0.3253, 0.3852
Android (android.graphics.Color)	4280494366 (0xFF23291E)
YUV	37.9520, -3.9203, -2.5889
Hunter-Lab	14.2721, -3.4592, 3.6312

Details

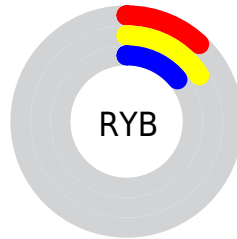
The Hex color **23291E** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **241E29**, and the grayscale version is **262626**.

A 20% lighter version of the original color is **4F564A**, and **000000** is the 20% darker color. If you saturate the color by 10%, you get **21291A**, and if you desaturate by 10%, it is **252922**.

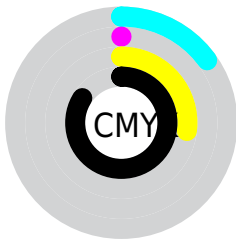
Distribution



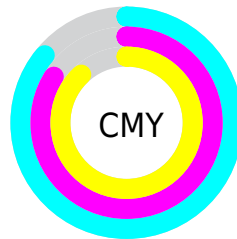
- Red (14%)
- Green (16%)
- Blue (12%)



- Red (12%)
- Yellow (16%)
- Blue (14%)



- Cyan (15%)
- Magenta (0%)
- Yellow (27%)
- Black (84%)



- Cyan (86%)
- Magenta (84%)
- Yellow (88%)

Brightness & Saturation Gradients

These gradients show how the Hex color 23291E 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 23291E by changing the saturation by 10% instead.

■ 23291E

■ 23291E

FFFFFF

■ 0E1505

■ 4F564A

■ 000000

■ 686E61

■ 81887A

■ 9BA294

■ B5BDAF

■ D1D9CA

■ EDF5E6

■ 23291E

■ 23291E

■ 21291A

■ 252922

■ 1F2916

■ 272926

■ 1C2912

■ 2A292A

■ 1A290E

■ 2C292E

■ 182909

■ 2E2933

■ 162905

■ 302937

■ 132901

■ 33293B

■ 132900

■ 35293F

■ 372943

Harmonies

Analogous

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



2A271C



23291E



1C2A23

Triad

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



23291E



1B2932



332325

Complementary

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



23291E



241E29

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.



30232B



23291E



232733

Square

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



23291E



172A2E



2A2530



322420

Rectangle

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



23291E



192A27



2A2530



322327

Sweetspot

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



23291E



333631



29241E



1B1C19



9C9C9C



1C1C1C

Same Dimension

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



23291E



2C3624



1E291E



131412



265400



60D400

Inverse Universe

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



241E29



2E2436



291E29



131214



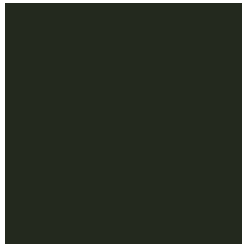
2E0054



7300D4

Previews

White Background



This preview shows how the Hex color 23291E looks on a white background.

Color Contrast Check

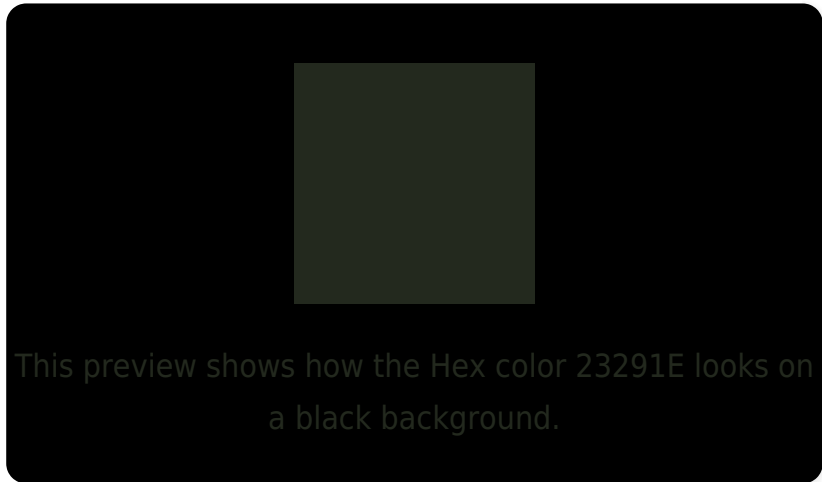
Large Text (above 18pt) WCAG AA ✓ Pass

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

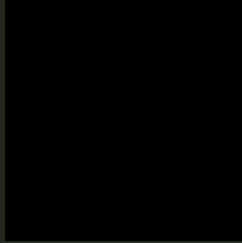
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

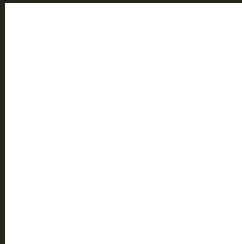
Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Hex 23291E Background



This preview shows how black text looks on a background with the Hex color 23291E.

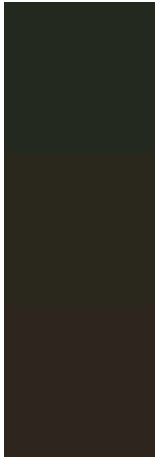


This preview shows how white text looks on a background with the Hex color 23291E.

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](#).

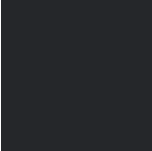
Dichromacy



Original Color
23291E

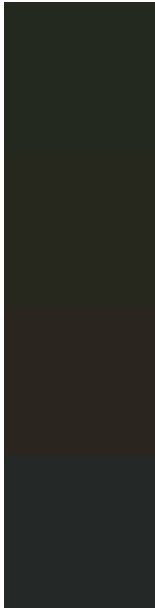
Protanopia
2A271D

Deuteranopia
2E251F



Tritanopia
25272A

Trichromacy



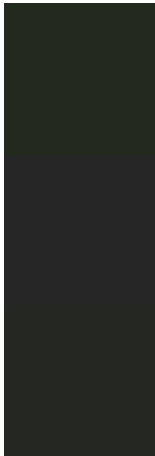
Original Color
23291E

Protanomaly
27281D

Deuteranomaly
2A261F

Tritanomaly
242826

Monochromacy



Original Color
23291E

Achromatopsia
262626

Achromatomaly
252723

CSS Examples

Text

The CSS property to change the color of the text to Hex 23291E 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 #23291E looks like.

```
.text, #text, p{  
    color:#23291E  
}
```

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 #23291E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #23291E
}
```

Border

The CSS property to change the border of an element to Hex 23291E is called "border". The border property can be set on classes, ids or directly on the HTML element.

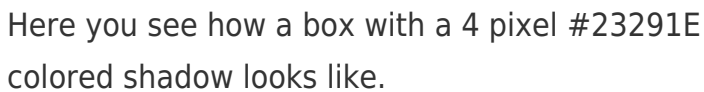
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#23291E }
```

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

```
.border{ border-color:#23291E }
```

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



Here you see how a box with a 4 pixel #23291E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #23291E; -webkit-box-shadow:4px 4px  
4px 4px #23291E; box-shadow:4px 4px 4px  
4px #23291E }
```

Background

The CSS property to change the background color of an element to Hex 23291E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#23291E }
```

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

```
.background{ background-color:#23291E }
```

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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