

Converting Colors

Hex(23101D)

Have a look what the booklet for
Hex(23101D) contains.

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Color

Hex(23101D)

Conversions

Conversions Part 1

| Format | Color |
|-------------|-------------------------|
| Hex | 23101D |
| RGB | 35, 16, 29 |
| RGB Percent | 14%, 6%, 11% |
| CMY | 0.8627, 0.9373, 0.8863 |
| CMYK | 0.00, 0.54, 0.17, 0.86 |
| HSL | 319°, 37%, 10% |
| HSV | 319°, 54%, 14% |
| XYZ | 1.1002, 0.8166, 1.2620 |
| YIQ | 23.1630, 7.1510, 8.0710 |

Conversions

Conversions Part 2

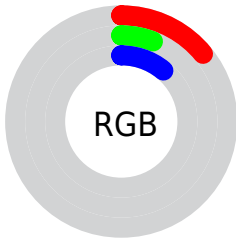
| Format | Color |
|-------------------------------------|--|
| RYB | 35, 16, 29 |
| Decimal | 2297885 |
| CIELab | 7.38, 12.34, -4.96 |
| CIELCh | 7, 13.303, 338.118 |
| Yxy | 0.8166, 0.3461, 0.2569 |
| Android (android.graphics.Color) | 4280487965 (0xFF23101D) |
| YUV | 23.1630, 2.8776, 10.3810 |
| Hunter-Lab | 9.0367, 5.9179, -1.9546 |

Details

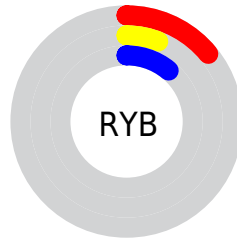
The Hex color **23101D** is a dark color, and the websafe version is hex **000000**. A complement of this color would be **102316**, and the grayscale version is **171717**.

A 20% lighter version of the original color is **503A48**, and **000000** is the 20% darker color. If you saturate the color by 10%, you get **230D1C**, and if you desaturate by 10%, it is **23141E**.

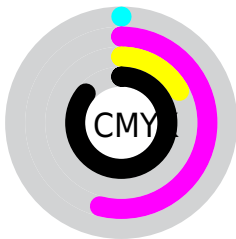
Distribution



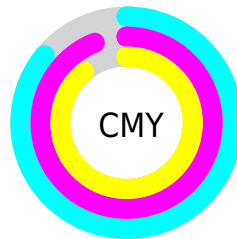
- Red (14%)
- Green (6%)
- Blue (11%)



- Red (14%)
- Yellow (6%)
- Blue (11%)



- Cyan (0%)
- Magenta (54%)
- Yellow (17%)
- Black (86%)



- Cyan (86%)
- Magenta (94%)
- Yellow (89%)

Brightness & Saturation Gradients

These gradients show how the Hex color 23101D 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 23101D by changing the saturation by 10% instead.

 23101D

 23101D

 FFF0FF

 020001

 503A48

 000000

 685160

 826A79

 9C8393

 B79DAD

 D2B8C9

 EFD3E5

 23101D

 23101D

■ 230D1C

■ 23141E

■ 23091B

■ 23171F

■ 23051A

■ 231B20

■ 230219

■ 231E21

■ 230018

■ 232223

■ 232524

■ 232925

■ 232C26

■ 233027

Harmonies

Analogous

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



1A1324



23101D



270F14

Triad

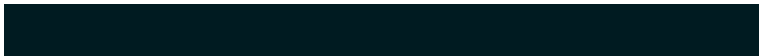
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



23101D



1B1600



001B21

Complementary

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



23101D



102316

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.



001C18



23101D



101901

Square

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



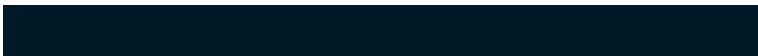
23101D



231300



001B0E



001926

Rectangle

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



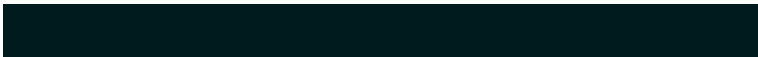
23101D



27100C



001B0E



001B1E

Sweetspot

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



23101D



2E272C



161023



171316



969696



171717

Same Dimension

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



23101D



2E1024



231014



121011



520038



D1008F

Inverse Universe

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



23101D



2E1024



10231F



121011



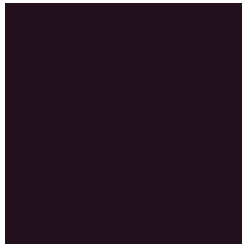
520038



D1008F

Previews

White Background



This preview shows how the Hex color 23101D looks on a white background.

Color Contrast Check

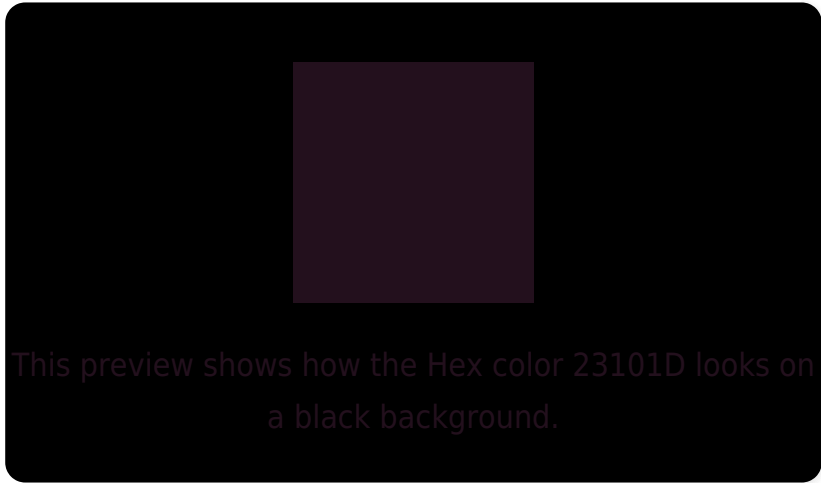
Large Text (above 18pt) WCAG AA ✓ Pass

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

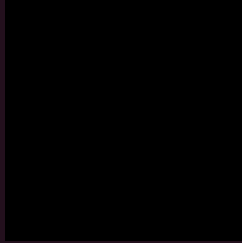
Any Text WCAG AA × Fail

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 23101D Background



This preview shows how black text looks on a background with the Hex color 23101D.



This preview shows how white text looks on a background with the Hex color 23101D.

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
23101D

Protanopia
131722

Deuteranopia
17161C



Tritanopia
221213

Trichromacy



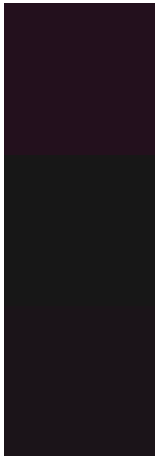
Original Color
23101D

Protanomaly
191420

Deuteranomaly
1B141C

Tritanomaly
221117

Monochromacy



Original Color
23101D

Achromatopsia
171717

Achromatomaly
1B1419

CSS Examples

Text

The CSS property to change the color of the text to Hex 23101D 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 #23101D looks like.

```
.text, #text, p{  
    color:#23101D  
}
```

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 #23101D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #23101D
}
```

Border

The CSS property to change the border of an element to Hex 23101D is called "border". The border property can be set on classes, ids or directly on the HTML element.

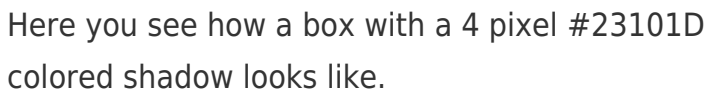
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#23101D }
```

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

```
.border{ border-color:#23101D }
```

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



Here you see how a box with a 4 pixel #23101D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #23101D; -webkit-box-shadow:4px 4px  
4px 4px #23101D; box-shadow:4px 4px 4px  
4px #23101D }
```

Background

The CSS property to change the background color of an element to Hex 23101D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#23101D }
```

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

```
.background{ background-color:#23101D }
```

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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