

Converting Colors

Hex(19102D)

Have a look what the booklet for
Hex(19102D) contains.

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Color

Hex(19102D)

Conversions

Conversions Part 1

| Format | Color |
|-------------|---------------------------|
| Hex | 19102D |
| RGB | 25, 16, 45 |
| RGB Percent | 10%, 6%, 18% |
| CMY | 0.9020, 0.9373, 0.8235 |
| CMYK | 0.44, 0.64, 0.00, 0.82 |
| HSL | 259°, 48%, 12% |
| HSV | 259°, 64%, 18% |
| XYZ | 1.0598, 0.7667, 2.5748 |
| YIQ | 21.9970, -3.9450, 10.9270 |

Conversions

Conversions Part 2

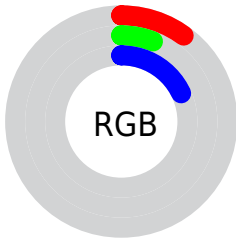
| Format | Color |
|-------------------------------------|-----------------------------|
| R_{YB} | 25, 16, 45 |
| Decimal | 1642541 |
| CIE Lab | 6.93, 12.89, -17.88 |
| CIE LCh | 7, 22.039, 305.784 |
| Yxy | 0.7667, 0.2408, 0.1742 |
| Android (android.graphics.Color) | 4279832621 (0xFF19102D) |
| YUV | 21.9970, 11.3405, 2.6336 |
| Hunter-Lab | 8.7562, 6.2821, -11.3047 |

Details

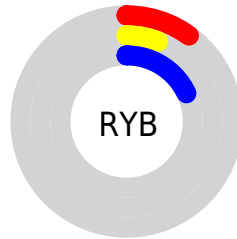
The Hex color **19102D** is a dark color, and the websafe version is hex **000033**. A complement of this color would be **242D10**, and the grayscale version is **161616**.

A 20% lighter version of the original color is **463A5B**, and **000000** is the 20% darker color. If you saturate the color by 10%, you get **160C2D**, and if you desaturate by 10%, it is **1C152D**.

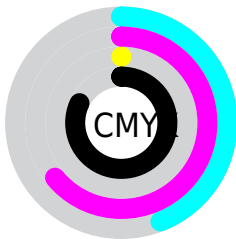
Distribution



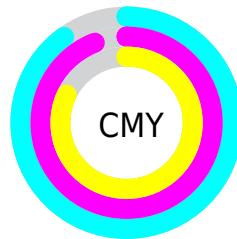
- Red (10%)
- Green (6%)
- Blue (18%)



- Red (10%)
- Yellow (6%)
- Blue (18%)



- Cyan (44%)
- Magenta (64%)
- Yellow (0%)
- Black (82%)



- Cyan (90%)
- Magenta (94%)
- Yellow (82%)

Brightness & Saturation Gradients

These gradients show how the Hex color 19102D 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 19102D by changing the saturation by 10% instead.

■ 19102D

■ 19102D

■ FFEFFF

■ 000118

■ 463A5B

■ 000000

■ 5E5174

■ 76698D

■ 9082A8

■ AB9CC3

■ C6B7DF

■ E3D3FC

■ 19102D

■ 19102D

■ 160C2D

■ 1C152D

■ 13072D

■ 1F192D

■ 10032D

■ 221E2D

■ 0E002D

■ 25222D

■ 29272D

■ 2C2B2D

■ 2F302D

■ 32342D

■ 35392D

Harmonies

Analogous

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



001632



19102D



290922

Triad

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



19102D



261000



001E18

Complementary

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



19102D



242D10

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.



001D02



19102D



1A1600

Square

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



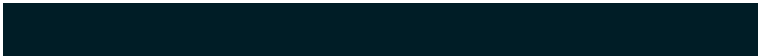
19102D



2E0900



051A00



001D26

Rectangle

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



19102D



2E0618



051A00



001E12

Sweetspot

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



19102D



33303B



10242D



1A181F



9E9E9E



1F1F1F

Same Dimension

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



19102D



1C0D3B



27102D



151517



1B0057



4200D6

Inverse Universe

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



2D1024



3B0D2D



162D10



171516



57003C



D60094

Previews

White Background



This preview shows how the Hex color 19102D looks on a white background.

Color Contrast Check

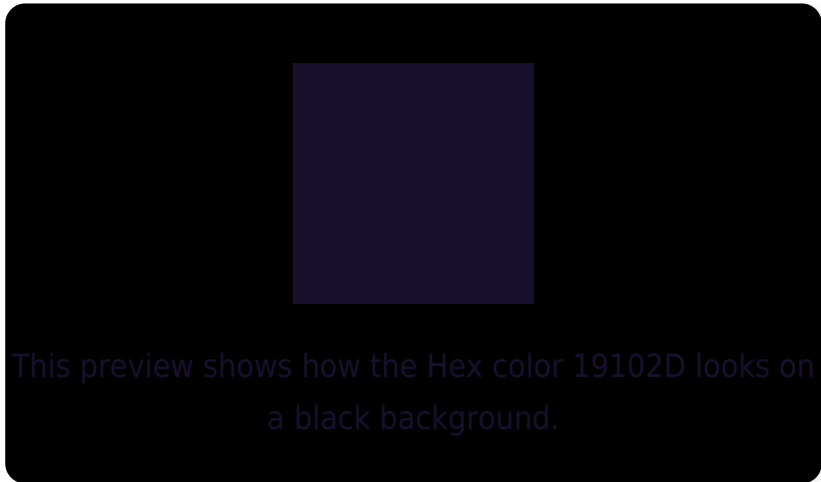
Large Text (above 18pt) WCAG AA ✓ Pass

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

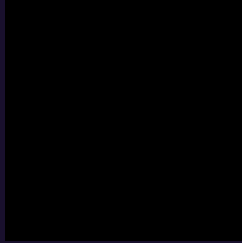
Any Text WCAG AA × Fail

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 19102D Background



This preview shows how black text looks on a background with the Hex color 19102D.



This preview shows how white text looks on a background with the Hex color 19102D.

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
19102D

Deuteranopia
001627

Tritanopia
141618

Trichromacy



Original Color
19102D

Deuteranomaly
091429

Tritanomaly
161420

Monochromacy



Original Color
19102D

Achromatopsia
161616

Achromatomaly
17141E

CSS Examples

Text

The CSS property to change the color of the text to Hex 19102D 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 #19102D looks like.

```
.text, #text, p{  
    color:#19102D  
}
```

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 #19102D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #19102D
}
```

Border

The CSS property to change the border of an element to Hex 19102D is called "border". The border property can be set on classes, ids or directly on the HTML element.

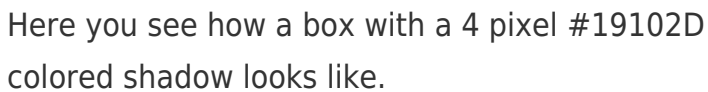
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#19102D }
```

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

```
.border{ border-color:#19102D }
```

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



Here you see how a box with a 4 pixel #19102D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #19102D; -webkit-box-shadow:4px 4px  
4px 4px #19102D; box-shadow:4px 4px 4px  
4px #19102D }
```

Background

The CSS property to change the background color of an element to Hex 19102D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#19102D }
```

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

```
.background{ background-color:#19102D }
```

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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