

Converting Colors

Hex(18132A)

Have a look what the booklet for
Hex(18132A) contains.

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Color

Hex(18132A)

Conversions

Conversions Part 1

Format	Color
Hex	18132A
RGB	24, 19, 42
RGB Percent	9%, 7%, 16%
CMY	0.9059, 0.9255, 0.8353
CMYK	0.43, 0.55, 0.00, 0.84
HSL	253°, 38%, 12%
HSV	253°, 55%, 16%
XYZ	1.0275, 0.8271, 2.2960
YIQ	23.1170, -4.4030, 8.2130

Conversions

Conversions Part 2

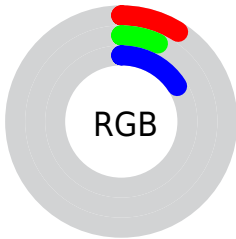
Format	Color
R_{YB}	24, 19, 42
Decimal	1577770
CIE _{Lab}	7.47, 9.39, -14.79
CIE _{LCh}	7, 17.515, 302.409
Yxy	0.8271, 0.2476, 0.1993
Android (android.graphics.Color)	4279767850 (0xFF18132A)
YUV	23.1170, 9.3093, 0.7744
Hunter-Lab	9.0945, 4.2512, -8.6021

Details

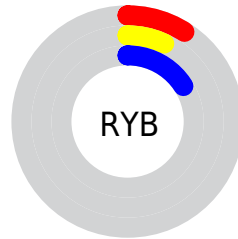
The Hex color **18132A** is a dark color, and the websafe version is hex **000033**. A complement of this color would be **252A13**, and the grayscale version is **171717**.

A 20% lighter version of the original color is **443D58**, and **000000** is the 20% darker color. If you saturate the color by 10%, you get **150F2A**, and if you desaturate by 10%, it is **1B172A**.

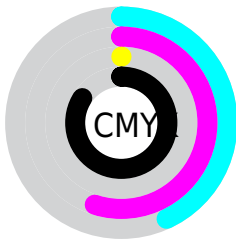
Distribution



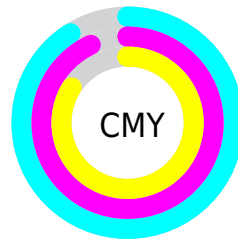
- Red (9%)
- Green (7%)
- Blue (16%)



- Red (9%)
- Yellow (7%)
- Blue (16%)



- Cyan (43%)
- Magenta (55%)
- Yellow (0%)
- Black (84%)



- Cyan (91%)
- Magenta (93%)
- Yellow (84%)

Brightness & Saturation Gradients

These gradients show how the Hex color 18132A 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 18132A by changing the saturation by 10% instead.

■ 18132A

■ 18132A

■ FDF3FF

■ 000115

■ 443D58

■ 000000

■ 5C5470

■ 756C89

■ 8E86A4

■ A9A0BF

■ C4BBDB

■ E0D7F7

■ 18132A

■ 18132A

■ 150F2A

■ 1B172A

■ 110B2A

■ 1F1B2A

■ 0E062A

■ 22202A

■ 0B022A

■ 25242A

■ 09002A

■ 28282A

■ 2C2C2A

■ 2F302A

■ 32352A

■ 36392A

Harmonies

Analogous

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



00172E



18132A



250E21

Triad

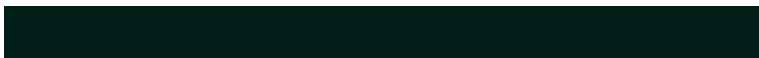
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



18132A



261200



001D17

Complementary

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



18132A



252A13

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.



001C07



18132A



1D1600

Square

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



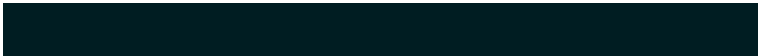
18132A



2B0D05



101A00



001D22

Rectangle

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



18132A



2A0C1A



101A00



001D13

Sweetspot

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



18132A



2F2D36



13252A



18171C



9C9C9C



1C1C1C

Same Dimension

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



18132A



1A1236



23132A



131214



120054



2E00D4

Inverse Universe

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



2A1325



36122E



1A2A13



141214



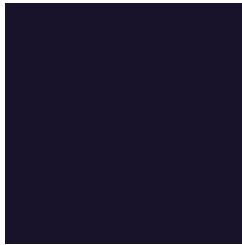
540042



D400A6

Previews

White Background



This preview shows how the Hex color 18132A looks on a white background.

Color Contrast Check

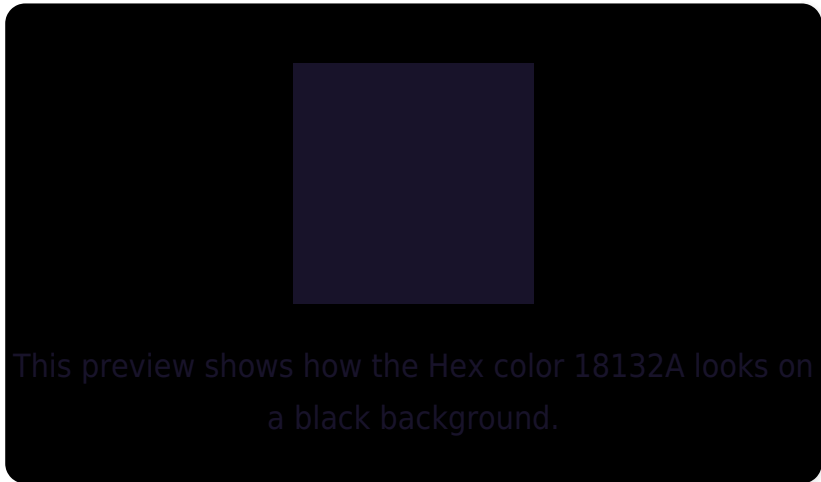
Large Text (above 18pt) WCAG AA ✓ Pass

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

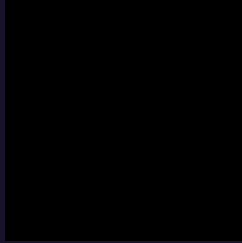
Any Text WCAG AA × Fail

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 18132A Background



This preview shows how black text looks on a background with the Hex color 18132A.



This preview shows how white text looks on a background with the Hex color 18132A.

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
18132A

Protanopia
08162D

Deuteranopia
031729



Tritanopia
141719

Trichromacy



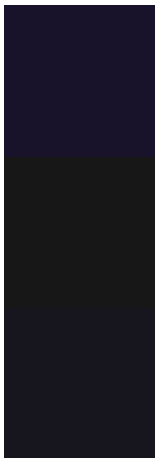
Original Color
18132A

Protanomaly
0E152C

Deuteranomaly
0B1629

Tritanomaly
15161F

Monochromacy



Original Color
18132A

Achromatopsia
171717

Achromatomaly
17161E

CSS Examples

Text

The CSS property to change the color of the text to Hex 18132A 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 #18132A looks like.

```
.text, #text, p{  
    color:#18132A  
}
```

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 #18132A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #18132A
}
```

Border

The CSS property to change the border of an element to Hex 18132A is called "border". The border property can be set on classes, ids or directly on the HTML element.

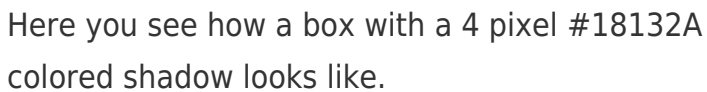
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#18132A }
```

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

```
.border{ border-color:#18132A }
```

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



Here you see how a box with a 4 pixel #18132A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #18132A; -webkit-box-shadow:4px 4px  
4px 4px #18132A; box-shadow:4px 4px 4px  
4px #18132A }
```

Background

The CSS property to change the background color of an element to Hex 18132A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#18132A }
```

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

```
.background{ background-color:#18132A }
```

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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