

Converting Colors

Hex(12182A)

Have a look what the booklet for
Hex(12182A) contains.

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Color

Hex(12182A)

Conversions

Conversions Part 1

Format	Color
Hex	12182A
RGB	18, 24, 42
RGB Percent	7%, 9%, 16%
CMY	0.9294, 0.9059, 0.8353
CMYK	0.57, 0.43, 0.00, 0.84
HSL	225°, 40%, 12%
HSV	225°, 57%, 16%
XYZ	0.9940, 0.9490, 2.3213
YIQ	24.2580, -9.3540, 4.3260

Conversions

Conversions Part 2

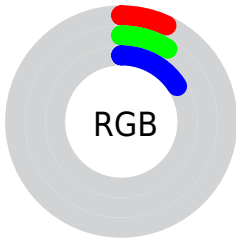
Format	Color
R_{YB}	18, 23, 42
Decimal	1185834
CIE Lab	8.56, 3.48, -13.11
CIE LCh	9, 13.567, 284.873
Yxy	0.9490, 0.2331, 0.2226
Android (android.graphics.Color)	4279375914 (0xFF12182A)
YUV	24.2580, 8.7468, -5.4883
Hunter-Lab	9.7418, 1.1650, -7.3083

Details

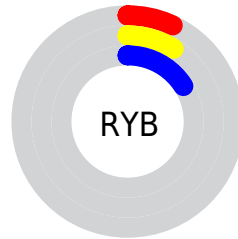
The Hex color **12182A** is a dark color, and the websafe version is hex **000000**. A complement of this color would be **2A2412**, and the grayscale version is **181818**.

A 20% lighter version of the original color is **3E4357**, and **000000** is the 20% darker color. If you saturate the color by 10%, you get **0E152A**, and if you desaturate by 10%, it is **161B2A**.

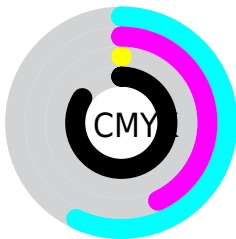
Distribution



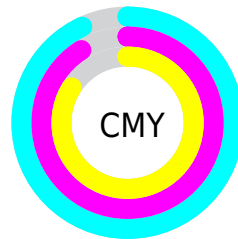
- Red (7%)
- Green (9%)
- Blue (16%)



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



- Cyan (57%)
- Magenta (43%)
- Yellow (0%)
- Black (84%)



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

Brightness & Saturation Gradients

These gradients show how the Hex color 12182A 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 12182A by changing the saturation by 10% instead.

■ 12182A

■ 12182A

■ F5FAFF

■ 000116

■ 3E4357

■ 000000

■ 555A70

■ 6E7289

■ 878CA4

■ A2A6BF

■ BDC1DB

■ D9DDF7

■ 12182A

■ 12182A

■ 0E152A

■ 161B2A

■ 0A122A

■ 1A1E2A

■ 050F2A

■ 1F212A

■ 010B2A

■ 23252A

■ 000A2A

■ 27282A

■ 2B2B2A

■ 2F2E2A

■ 34312A

■ 38342A

Harmonies

Analogous

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



011B2A



12182A



1F1525

Triad

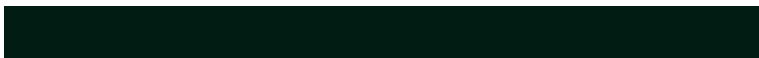
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



12182A



281308



011D13

Complementary

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



12182A



2A2412

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.



101C07



12182A



231600

Square

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



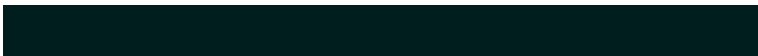
12182A



2A1114



1B1900



001E1D

Rectangle

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



12182A



251320



1B1900



061D10

Sweetspot

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



12182A



2C2F36



122A24



16181C



9C9C9C



1C1C1C

Same Dimension

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



12182A



111A36



18122A



121314



001554



0035D4

Inverse Universe

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



2A1218



36111A



242A12



141213



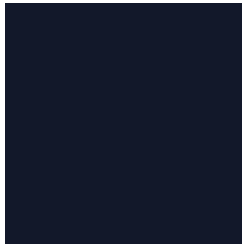
540015



D40035

Previews

White Background



This preview shows how the Hex color 12182A looks on a white background.

Color Contrast Check

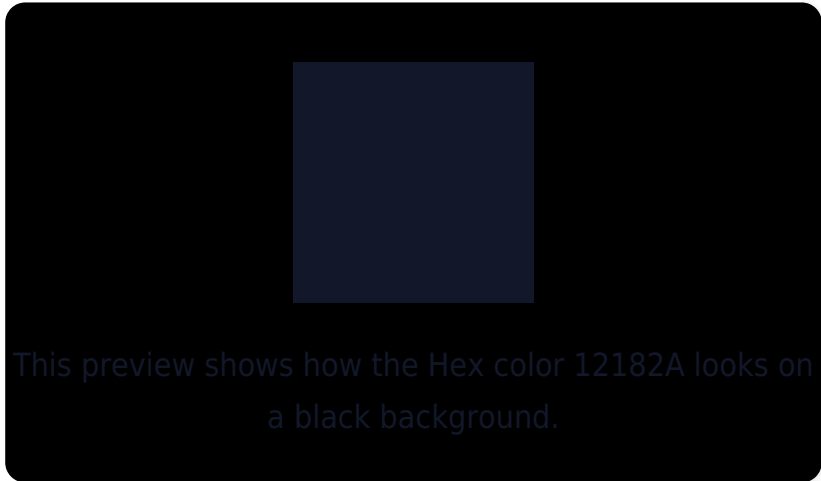
Large Text (above 18pt) WCAG AA ✓ Pass

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

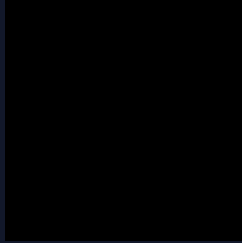
Any Text WCAG AA × Fail

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 12182A Background



This preview shows how black text looks on a background with the Hex color 12182A.



This preview shows how white text looks on a background with the Hex color 12182A.

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
12182A

Protanopia
11182A

Deuteranopia
0D192A



Tritanopia
0D1B1D

Trichromacy



Original Color
12182A

Protanomaly
11182A

Deuteranomaly
0F192A

Tritanomaly
0F1A22

Monochromacy



Original Color
12182A

Achromatopsia
181818

Achromatomaly
16181F

CSS Examples

Text

The CSS property to change the color of the text to Hex 12182A 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 #12182A looks like.

```
.text, #text, p{  
    color:#12182A  
}
```

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 #12182A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #12182A
}
```

Border

The CSS property to change the border of an element to Hex 12182A 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
#12182A }
```

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

```
.border{ border-color:#12182A }
```

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

Here you see how a box with a 4 pixel #12182A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #12182A; -webkit-box-shadow:4px 4px  
4px 4px #12182A; box-shadow:4px 4px 4px  
4px #12182A }
```

Background

The CSS property to change the background color of an element to Hex 12182A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#12182A }
```

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

```
.background{ background-color:#12182A }
```

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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