

Converting Colors

Hex(12152F)

Have a look what the booklet for
Hex(12152F) contains.

Hex(12152F)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(12152F)

Conversions

Conversions Part 1

Format	Color
Hex	12152F
RGB	18, 21, 47
RGB Percent	7%, 8%, 18%
CMY	0.9294, 0.9176, 0.8157
CMYK	0.62, 0.55, 0.00, 0.82
HSL	234°, 45%, 13%
HSV	234°, 62%, 18%
XYZ	1.0307, 0.8702, 2.8030
YIQ	23.0670, -10.1340, 7.4500

Conversions

Conversions Part 2

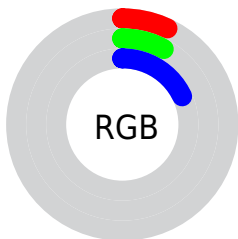
Format	Color
RYB	18, 21, 47
Decimal	1185071
CIELab	7.86, 7.83, -17.92
CIElCh	8, 19.551, 293.597
Yxy	0.8702, 0.2191, 0.1850
Android (android.graphics.Color)	4279375151 (0xFF12152F)
YUV	23.0670, 11.7990, -4.4438
Hunter-Lab	9.3283, 3.3986, -11.2857

Details

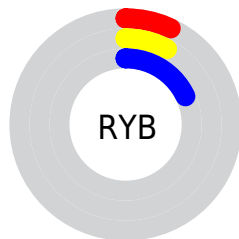
The Hex color **12152F** is a dark color, and the websafe version is hex **000033**. A complement of this color would be **2F2C12**, and the grayscale version is **171717**.

A 20% lighter version of the original color is **3F3F5D**, and **000000** is the 20% darker color. If you saturate the color by 10%, you get **0D112F**, and if you desaturate by 10%, it is **17192F**.

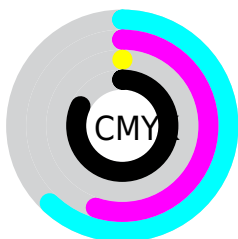
Distribution



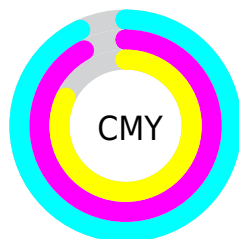
- Red (7%)
- Green (8%)
- Blue (18%)



- Red (7%)
- Yellow (8%)
- Blue (18%)



- Cyan (62%)
- Magenta (55%)
- Yellow (0%)
- Black (82%)



- Cyan (93%)
- Magenta (92%)
- Yellow (82%)

Brightness & Saturation Gradients

These gradients show how the Hex color 12152F 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 12152F by changing the saturation by 10% instead.

■ 12152F

■ 12152F

■ F7F5FF

■ 00011A

■ 3F3F5D

■ 000000

■ 575676

■ 6F6F90

■ 8988AA

■ A4A2C6

■ BFBDE2

■ DBD9FE

■ 12152F

■ 12152F

■ 0D112F

■ 17192F

■ 090D2F

■ 1B1D2F

■ 04082F

■ 20222F

■ 00052F

■ 25262F

■ 2A2A2F

■ 2E2E2F

■ 33322F

■ 38372F

■ 3C3B2F

Harmonies

Analogous

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



001A31



12152F



240F27

Triad

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



12152F



2A1000



001E14

Complementary

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



12152F



2F2C12

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.



011D00



12152F



211600

Square

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



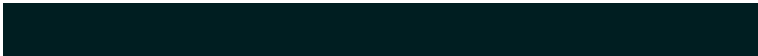
12152F



2F0C0B



141A00



001E21

Rectangle

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



12152F



2B0C1F



141A00



001E0E

Sweetspot

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



12152F



32333D



122F2C



18181F



9E9E9E



1F1F1F

Same Dimension

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



12152F



10153D



1D122F



151517



000957



0016D6

Inverse Universe

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



2F1215



3D1015



242F12



171515



570009



D60016

Previews

White Background



This preview shows how the Hex color 12152F looks on a white background.

Color Contrast Check

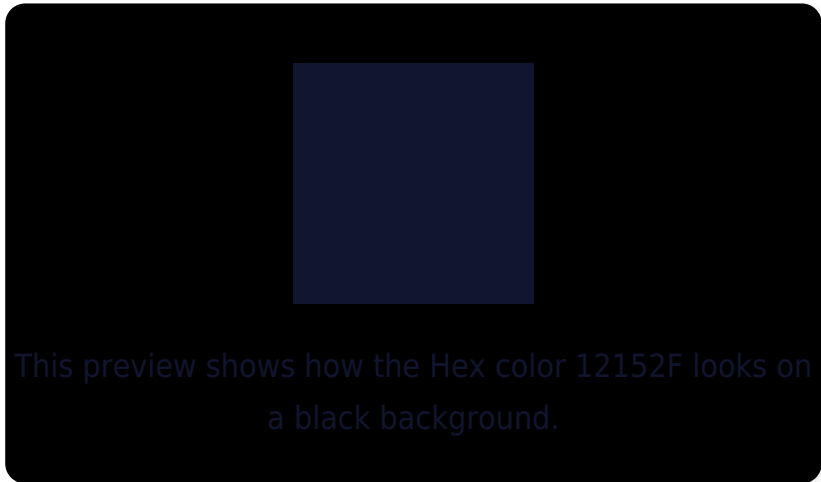
Large Text (above 18pt) WCAG AA ✓ Pass

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

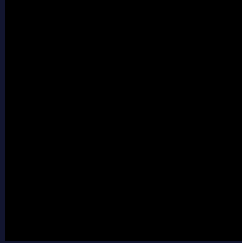
Any Text WCAG AA × Fail

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 12152F Background



This preview shows how black text looks on a background with the Hex color 12152F.



This preview shows how white text looks on a background with the Hex color 12152F.

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
12152F

Protanopia
001730

Deuteranopia
00182A



Tritanopia
081A1C

Trichromacy



Original Color
12152F

Protanomaly
071630

Deuteranomaly
07172C

Tritanomaly
0C1823

Monochromacy



Original Color
12152F

Achromatopsia
171717

Achromatomaly
151620

CSS Examples

Text

The CSS property to change the color of the text to Hex 12152F 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 #12152F looks like.

```
.text, #text, p{  
    color:#12152F  
}
```

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 #12152F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #12152F
}
```

Border

The CSS property to change the border of an element to Hex 12152F 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".

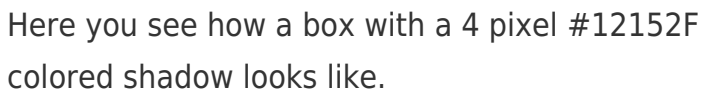
```
.border, #border, table{ border:4px solid
#12152F }
```

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

```
.border{ border-color:#12152F }
```

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

Here you see how a box with a 4 pixel #12152F colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #12152F; -webkit-box-shadow:4px 4px  
4px 4px #12152F; box-shadow:4px 4px 4px  
4px #12152F }
```

Background

The CSS property to change the background color of an element to Hex 12152F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#12152F }
```

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

```
.background{ background-color:#12152F }
```

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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