

Converting Colors

Hex(12252F)

Have a look what the booklet for
Hex(12252F) contains.

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Color

Hex(12252F)

Conversions

Conversions Part 1

Format	Color
Hex	12252F
RGB	18, 37, 47
RGB Percent	7%, 15%, 18%
CMY	0.9294, 0.8549, 0.8157
CMYK	0.62, 0.21, 0.00, 0.82
HSL	201°, 45%, 13%
HSV	201°, 62%, 18%
XYZ	1.4241, 1.6570, 2.9341
YIQ	32.4590, -14.5340, -0.9180

Conversions

Conversions Part 2

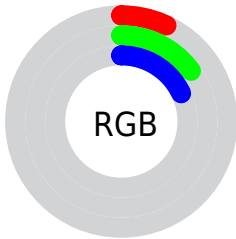
Format	Color
RYB	18, 29, 47
Decimal	1189167
CIELab	13.57, -4.21, -8.97
CIELCh	14, 9.909, 244.888
Yxy	1.6570, 0.2368, 0.2755
Android (android.graphics.Color)	4279379247 (0xFF12252F)
YUV	32.4590, 7.1687, -12.6805
Hunter-Lab	12.8723, -2.7785, -4.5038

Details

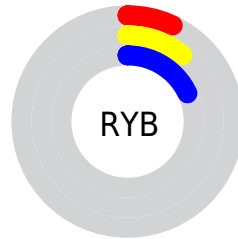
The Hex color **12252F** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **2F1C12**, and the grayscale version is **202020**.

A 20% lighter version of the original color is **3F525D**, and **000000** is the 20% darker color. If you saturate the color by 10%, you get **0D232F**, and if you desaturate by 10%, it is **17272F**.

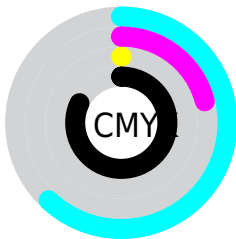
Distribution



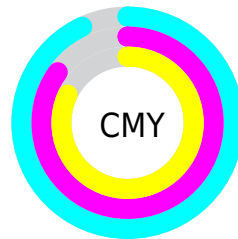
- Red (7%)
- Green (15%)
- Blue (18%)



- Red (7%)
- Yellow (11%)
- Blue (18%)



- Cyan (62%)
- Magenta (21%)
- Yellow (0%)
- Black (82%)



- Cyan (93%)
- Magenta (85%)
- Yellow (82%)

Brightness & Saturation Gradients

These gradients show how the Hex color 12252F 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 12252F by changing the saturation by 10% instead.

■ 12252F

■ 12252F

■ F7FFFF

■ 00101A

■ 3F525D

■ 000000

■ 576A76

■ 6F838F

■ 899DAA

■ A3B8C5

■ BFD3E1

■ DBF0FD

■ 12252F

■ 12252F

■ 0D232F

■ 17272F

■ 09222F

■ 1B282F

■ 04202F

■ 202A2F

■ 001F2F

■ 252B2F

■ 2A2D2F

■ 2E2F2F

■ 33302F

■ 38322F

■ 3C342F

Harmonies

Analogous

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



0D262A



12252F



1C2330

Triad

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



12252F



301E22



1F2517

Complementary

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



12252F



2F1C12

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.



272315



12252F



301E1B

Square

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



12252F



2C1E29



2D2016



17261D

Rectangle

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



12252F



22212F



2D2016



222416

Sweetspot

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



12252F



32393D



122F1C



181C1F



9E9E9E



1F1F1F

Same Dimension

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



12252F



102E3D



12172F



151617



003957



008CD6

Inverse Universe

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



2F1225



3D102E



2F2A12



171516



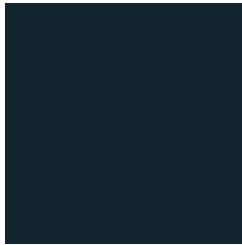
570039



D6008C

Previews

White Background



This preview shows how the Hex color 12252F looks on a white background.

Color Contrast Check

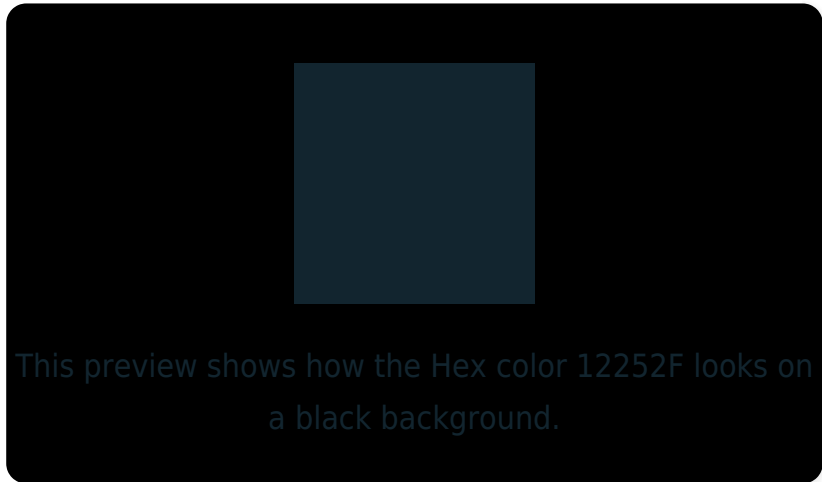
Large Text (above 18pt) WCAG AA ✓ Pass

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

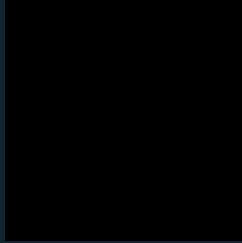
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

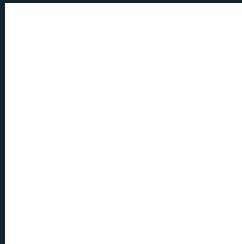
Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Hex 12252F Background



This preview shows how black text looks on a background with the Hex color 12252F.



This preview shows how white text looks on a background with the Hex color 12252F.

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
12252F

Protanopia
20222D

Deuteranopia
1F2230



Tritanopia
0F2629

Trichromacy



Original Color

12252F

Protanomaly

1B232E

Deuteranomaly

1A2330

Tritanomaly

10262B

Monochromacy



Original Color

12252F

Achromatopsia

202020

Achromatomaly

1B2225

CSS Examples

Text

The CSS property to change the color of the text to Hex 12252F 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 #12252F looks like.

```
.text, #text, p{  
    color:#12252F  
}
```

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 #12252F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #12252F
}
```

Border

The CSS property to change the border of an element to Hex 12252F is called "border". The border property can be set on classes, ids or directly on the HTML element.

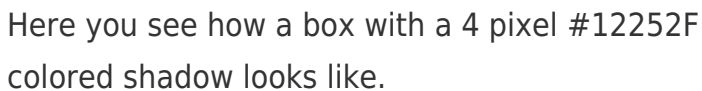
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#12252F }
```

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

```
.border{ border-color:#12252F }
```

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



Here you see how a box with a 4 pixel #12252F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #12252F; -webkit-box-shadow:4px 4px  
4px 4px #12252F; box-shadow:4px 4px 4px  
4px #12252F }
```

Background

The CSS property to change the background color of an element to Hex 12252F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#12252F }
```

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

```
.background{ background-color:#12252F }
```

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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