

Converting Colors

Hex(12202B)

Have a look what the booklet for
Hex(12202B) contains.

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Color

Hex(12202B)

Conversions

Conversions Part 1

Format	Color
Hex	12202B
RGB	18, 32, 43
RGB Percent	7%, 13%, 17%
CMY	0.9294, 0.8745, 0.8314
CMYK	0.58, 0.26, 0.00, 0.83
HSL	206°, 41%, 12%
HSV	206°, 58%, 17%
XYZ	1.2020, 1.3360, 2.4800
YIQ	29.0680, -11.8750, 0.4530

Conversions

Conversions Part 2

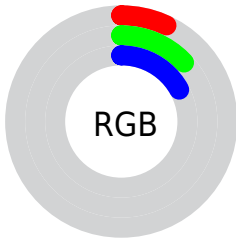
Format	Color
RYB	18, 27, 43
Decimal	1187883
CIELab	11.53, -2.15, -9.24
CIELCh	12, 9.483, 256.883
Yxy	1.3360, 0.2395, 0.2662
Android (android.graphics.Color)	4279377963 (0xFF12202B)
YUV	29.0680, 6.8685, -9.7066
Hunter-Lab	11.5587, -1.6652, -4.6301

Details

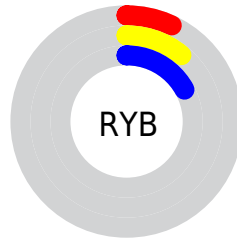
The Hex color **12202B** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **2B1D12**, and the grayscale version is **1D1D1D**.

A 20% lighter version of the original color is **3E4C58**, and **000000** is the 20% darker color. If you saturate the color by 10%, you get **0E1E2B**, and if you desaturate by 10%, it is **16222B**.

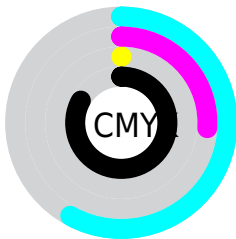
Distribution



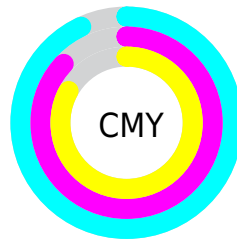
- Red (7%)
- Green (13%)
- Blue (17%)



- Red (7%)
- Yellow (11%)
- Blue (17%)



- Cyan (58%)
- Magenta (26%)
- Yellow (0%)
- Black (83%)



- Cyan (93%)
- Magenta (87%)
- Yellow (83%)

Brightness & Saturation Gradients

These gradients show how the Hex color 12202B 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 12202B by changing the saturation by 10% instead.

■ 12202B

■ 12202B

■ F6FFFF

■ 000817

■ 3E4C58

■ 000000

■ 566471

■ 6E7D8A

■ 8896A5

■ A2B1C0

■ BDCDDC

■ D9E9F8

■ 12202B

■ 12202B

■ 0E1E2B

■ 16222B

■ 091C2B

■ 1B242B

■ 051A2B

■ 1F262B

■ 01182B

■ 23282B

■ 00182B

■ 28292B

■ 2C2B2B

■ 302D2B

■ 342F2B

■ 39312B

Harmonies

Analogous

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



0B2128



12202B



1C1E2B

Triad

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



12202B



2C1A1B



182116

Complementary

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



12202B



2B1D12

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.



1F1F12



12202B



2A1B15

Square

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



12202B



2A1A22



261D12



11221B

Rectangle

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



12202B



211C29



261D12



1B2014

Sweetspot

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



12202B



2F3438



122B1D



161A1C



9C9C9C



1C1C1C

Same Dimension

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



12202B



112738



12142B



121414



002F54



0077D4

Inverse Universe

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



2B1220



381127



2B2912



141214



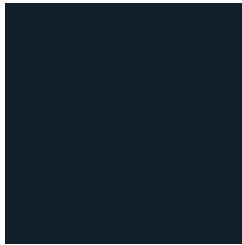
54002F



D40077

Previews

White Background



This preview shows how the Hex color 12202B looks on a white background.

Color Contrast Check

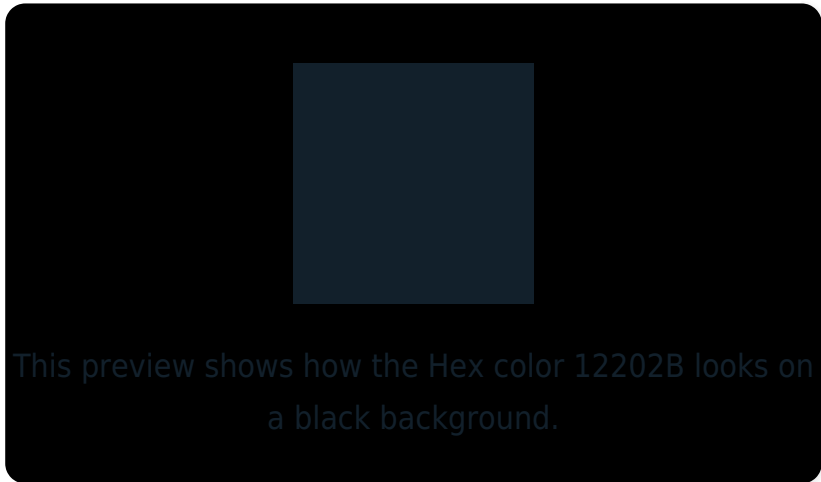
Large Text (above 18pt) WCAG AA ✓ Pass

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

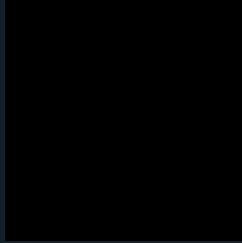
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

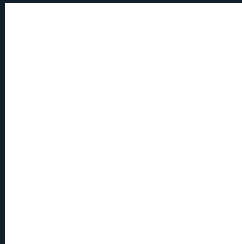
Any Text WCAG AAA × Fail

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

Hex 12202B Background



This preview shows how black text looks on a background with the Hex color 12202B.



This preview shows how white text looks on a background with the Hex color 12202B.

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
12202B

Protanopia
1B1E2A

Deuteranopia
1A1E2B

Trichromacy



Original Color

12202B

Protanomaly

181F2A

Deuteranomaly

171F2B

Tritanomaly

102127

Monochromacy



Original Color

12202B

Achromatopsia

1D1D1D

Achromatomaly

191E22

CSS Examples

Text

The CSS property to change the color of the text to Hex 12202B 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 #12202B looks like.

```
.text, #text, p{  
    color:#12202B  
}
```

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 #12202B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #12202B
}
```

Border

The CSS property to change the border of an element to Hex 12202B is called "border". The border property can be set on classes, ids or directly on the HTML element.

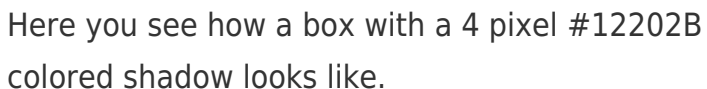
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#12202B }
```

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

```
.border{ border-color:#12202B }
```

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



Here you see how a box with a 4 pixel #12202B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #12202B; -webkit-box-shadow:4px 4px  
4px 4px #12202B; box-shadow:4px 4px 4px  
4px #12202B }
```

Background

The CSS property to change the background color of an element to Hex 12202B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#12202B }
```

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

```
.background{ background-color:#12202B }
```

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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