

Converting Colors

Hex(16202A)

Have a look what the booklet for
Hex(16202A) contains.

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Color

Hex(16202A)

Conversions

Conversions Part 1

Format	Color
Hex	16202A
RGB	22, 32, 42
RGB Percent	9%, 13%, 16%
CMY	0.9137, 0.8745, 0.8353
CMYK	0.48, 0.24, 0.00, 0.84
HSL	210°, 31%, 13%
HSV	210°, 48%, 16%
XYZ	1.2653, 1.3708, 2.3884
YIQ	30.1500, -9.1700, 0.9900

Conversions

Conversions Part 2

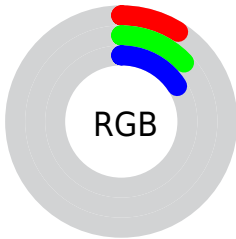
Format	Color
RYB	22, 29, 42
Decimal	1450026
CIELab	11.76, -1.16, -8.12
CIElCh	12, 8.203, 261.862
Yxy	1.3708, 0.2518, 0.2728
Android (android.graphics.Color)	4279640106 (0xFF16202A)
YUV	30.1500, 5.8421, -7.1475
Hunter-Lab	11.7080, -1.1980, -3.8994

Details

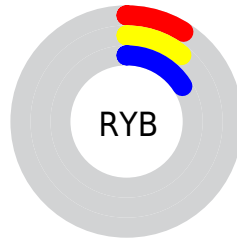
The Hex color **16202A** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **2A2016**, and the grayscale version is **1E1E1E**.

A 20% lighter version of the original color is **424C57**, and **000000** is the 20% darker color. If you saturate the color by 10%, you get **121E2A**, and if you desaturate by 10%, it is **1A222A**.

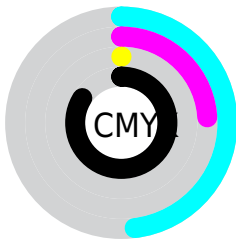
Distribution



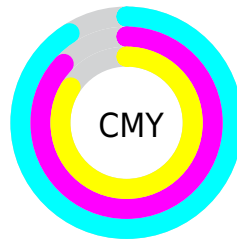
- Red (9%)
- Green (13%)
- Blue (16%)



- Red (9%)
- Yellow (11%)
- Blue (16%)



- Cyan (48%)
- Magenta (24%)
- Yellow (0%)
- Black (84%)



- Cyan (91%)
- Magenta (87%)
- Yellow (84%)

Brightness & Saturation Gradients

These gradients show how the Hex color 16202A 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 16202A by changing the saturation by 10% instead.

■ 16202A

■ 16202A

■ FAFFFF

■ 000816

■ 424C57

■ 000000

■ 596470

■ 727D89

■ 8B96A3

■ A6B1BE

■ C1CDDA

■ DDE9F7

■ 16202A

■ 16202A

■ 121E2A

■ 1A222A

■ 0E1C2A

■ 1E242A

■ 091A2A

■ 23262A

■ 05182A

■ 27282A

■ 01152A

■ 2B2A2A

■ 00152A

■ 2F2D2A

■ 332F2A

■ 38312A

■ 3C332A

Harmonies

Analogous

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



102128



16202A



1E1E29

Triad

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



16202A



2A1B1B



182118

Complementary

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



16202A



2A2016

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.



1F2014



16202A



291C16

Square

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



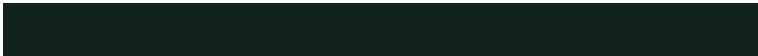
16202A



291B21



251E14



12221D

Rectangle

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



16202A



231D27



251E14



1B2117

Sweetspot

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



16202A



2E3236



162A20



171A1C



9C9C9C



1C1C1C

Same Dimension

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



16202A



172636



16162A



121314



002A54



006AD4

Inverse Universe

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



2A1620



361726



2A2A16



141213



54002A



D4006A

Previews

White Background



This preview shows how the Hex color 16202A looks on a white background.

Color Contrast Check

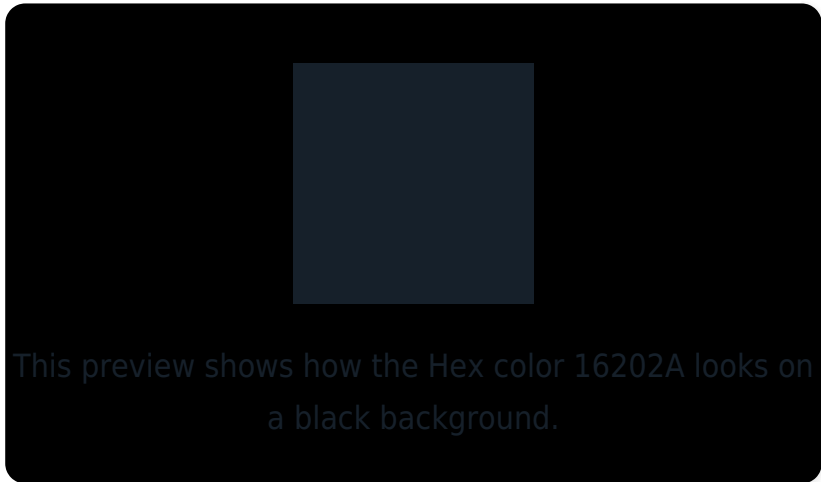
Large Text (above 18pt) WCAG AA ✓ Pass

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

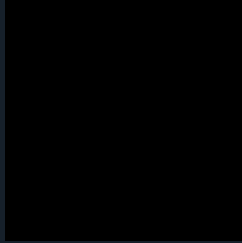
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

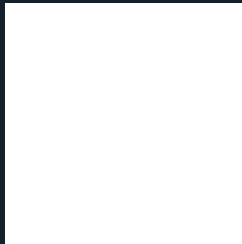
Any Text WCAG AAA × Fail

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

Hex 16202A Background



This preview shows how black text looks on a background with the Hex color 16202A.



This preview shows how white text looks on a background with the Hex color 16202A.

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

16202A

Protanopia

1C1F29

Deuteranopia

1C1F2A



Tritanopia
142124

Trichromacy



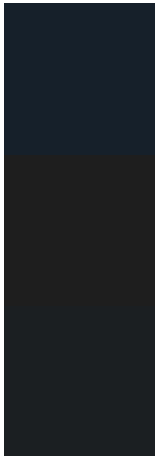
Original Color
16202A

Protanomaly
1A1F29

Deuteranomaly
1A1F2A

Tritanomaly
152126

Monochromacy



Original Color
16202A

Achromatopsia
1E1E1E

Achromatomaly
1B1F22

CSS Examples

Text

The CSS property to change the color of the text to Hex 16202A 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 #16202A looks like.

```
.text, #text, p{  
    color:#16202A  
}
```

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 #16202A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #16202A
}
```

Border

The CSS property to change the border of an element to Hex 16202A is called "border". The border property can be set on classes, ids or directly on the HTML element.

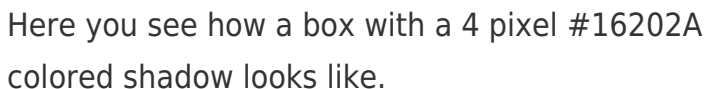
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#16202A }
```

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

```
.border{ border-color:#16202A }
```

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



Here you see how a box with a 4 pixel #16202A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #16202A; -webkit-box-shadow:4px 4px  
4px 4px #16202A; box-shadow:4px 4px 4px  
4px #16202A }
```

Background

The CSS property to change the background color of an element to Hex 16202A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#16202A }
```

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

```
.background{ background-color:#16202A }
```

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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