

Converting Colors

Hex(16283A)

Have a look what the booklet for
Hex(16283A) contains.

Hex(16283A)	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(16283A)

Conversions

Conversions Part 1

Format	Color
Hex	16283A
RGB	22, 40, 58
RGB Percent	9%, 16%, 23%
CMY	0.9137, 0.8431, 0.7725
CMYK	0.62, 0.31, 0.00, 0.77
HSL	210°, 45%, 16%
HSV	210°, 62%, 23%
XYZ	1.8534, 1.9936, 4.2901
YIQ	36.6700, -16.5060, 1.7820

Conversions

Conversions Part 2

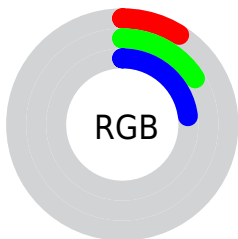
Format	Color
R_YB	22, 34, 58
Decimal	1452090
CIE Lab	15.45, -1.00, -13.83
CIE LCh	15, 13.861, 265.874
Yxy	1.9936, 0.2278, 0.2450
Android (android.graphics.Color)	4279642170 (0xFF16283A)
YUV	36.6700, 10.5157, -12.8656
Hunter-Lab	14.1196, -1.2789, -8.1309

Details

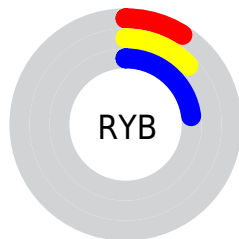
The Hex color **16283A** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **3A2816**, and the grayscale version is **252525**.

A 20% lighter version of the original color is **445569**, and **00010E** is the 20% darker color. If you saturate the color by 10%, you get **10253A**, and if you desaturate by 10%, it is **1C2B3A**.

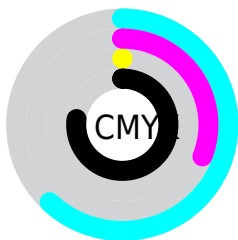
Distribution



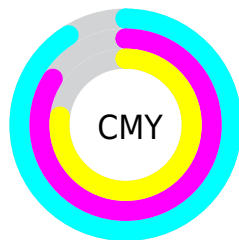
- Red (9%)
- Green (16%)
- Blue (23%)



- Red (9%)
- Yellow (13%)
- Blue (23%)



- Cyan (62%)
- Magenta (31%)
- Yellow (0%)
- Black (77%)



- Cyan (91%)
- Magenta (84%)
- Yellow (77%)

Brightness & Saturation Gradients

These gradients show how the Hex color 16283A 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 16283A by changing the saturation by 10% instead.

■ 16283A

■ 16283A

FFFFFF

■ 001324

■ 445569

■ 00010E

■ 5C6D82

■ 000000

■ 75869C

■ 8FA1B7

■ AABBD3

■ C6D7EF

■ E2F4FF

■ 16283A

■ 16283A

■ 10253A

■ 1C2B3A

■ 0A223A

■ 222E3A

■ 051F3A

■ 27313A

■ 001D3A

■ 2D343A

■ 33373A

■ 39393A

■ 3F3C3A

■ 443F3A

■ 4A423A

Harmonies

Analogous

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



052A37



16283A



262538

Triad

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



16283A



3A201F



192B1B

Complementary

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



16283A



3A2816

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.



242915



16283A



362217

Square

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



16283A



381F28



2E2613



0C2C25

Rectangle

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



16283A



2E2234



2E2613



1D2A19

Sweetspot

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



16283A



3E454D



163A28



1D2226



A6A6A6



262626

Same Dimension

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



16283A



14304D



16163A



191B1C



002E5C



006EDB

Inverse Universe

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



3A1628



4D1430



3A3A16



1C191B



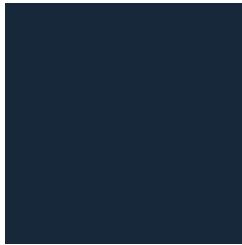
5C002E



DB006E

Previews

White Background



This preview shows how the Hex color 16283A looks on a white background.

Color Contrast Check

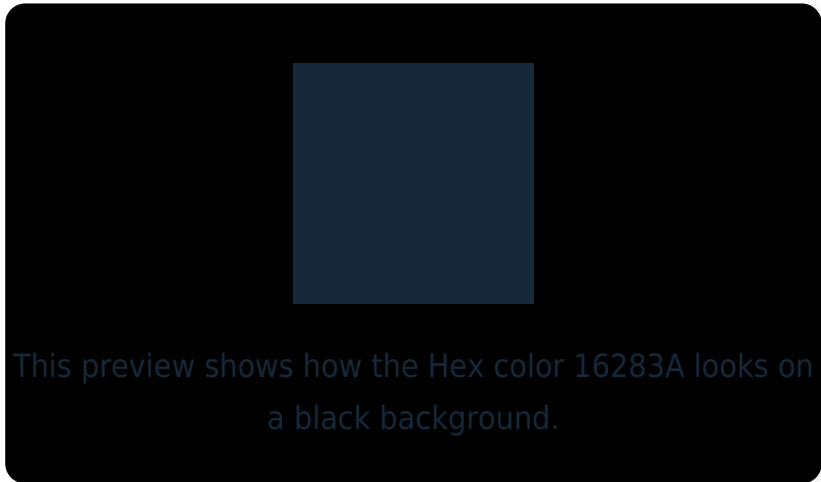
Large Text (above 18pt) WCAG AA ✓ Pass

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

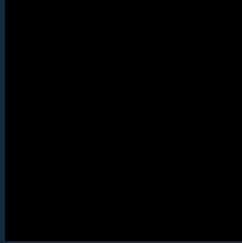
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

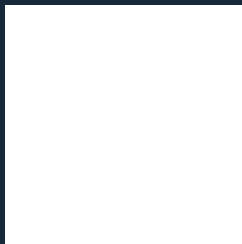
Any Text WCAG AAA × Fail

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

Hex 16283A Background



This preview shows how black text looks on a background with the Hex color 16283A.



This preview shows how white text looks on a background with the Hex color 16283A.

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
16283A

Protanopia
212638

Deuteranopia
1D273A

Trichromacy



Original Color

16283A

Protanomaly

1D2739

Deuteranomaly

1A273A

Tritanomaly

122932

Monochromacy



Original Color

16283A

Achromatopsia

252525

Achromatomaly

20262D

CSS Examples

Text

The CSS property to change the color of the text to Hex 16283A 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 #16283A looks like.

```
.text, #text, p{  
    color:#16283A  
}
```

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 #16283A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #16283A
}
```

Border

The CSS property to change the border of an element to Hex 16283A is called "border". The border property can be set on classes, ids or directly on the HTML element.

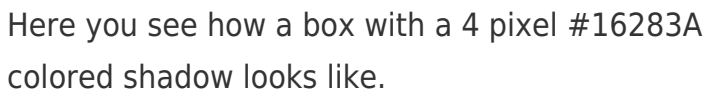
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#16283A }
```

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

```
.border{ border-color:#16283A }
```

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



Here you see how a box with a 4 pixel #16283A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #16283A; -webkit-box-shadow:4px 4px  
4px 4px #16283A; box-shadow:4px 4px 4px  
4px #16283A }
```

Background

The CSS property to change the background color of an element to Hex 16283A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#16283A }
```

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

```
.background{ background-color:#16283A }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor