

# Converting Colors

Hex(14282D)

Have a look what the booklet for  
Hex(14282D) contains.

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# Color

**Hex(14282D)**

# Conversions

## Conversions Part 1

Format	Color
Hex	14282D
RGB	20, 40, 45
RGB Percent	8%, 16%, 18%
CMY	0.9216, 0.8431, 0.8235
CMYK	0.56, 0.11, 0.00, 0.82
HSL	192°, 38%, 13%
HSV	192°, 56%, 18%
XYZ	1.5209, 1.8558, 2.7607
YIQ	34.5900, -13.5250, -2.6850

# Conversions

## Conversions Part 2

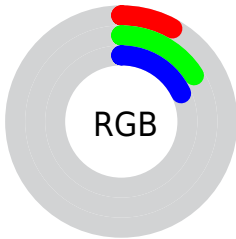
Format	Color
<b>R<sub>YB</sub></b>	20, 31, 45
Decimal	1321005
CIE Lab	14.71, -6.38, -5.80
CIE LCh	15, 8.625, 222.300
Yxy	1.8558, 0.2478, 0.3024
Android (android.graphics.Color)	4279511085 (0xFF14282D)
YUV	34.5900, 5.1321, -12.7954
Hunter-Lab	13.6227, -3.9106, -2.4794

# Details

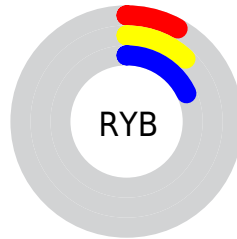
The Hex color **14282D** is a dark color, and the websafe version is hex **003333**. A complement of this color would be **2D1914**, and the grayscale version is **232323**.

A 20% lighter version of the original color is **40555B**, and **000000** is the 20% darker color. If you saturate the color by 10%, you get **10272D**, and if you desaturate by 10%, it is **19292D**.

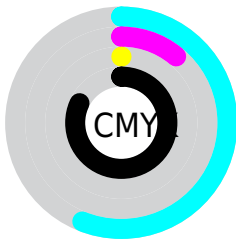
# Distribution



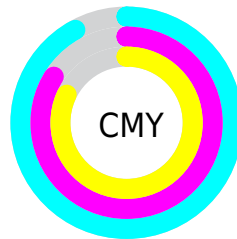
- Red (8%)
- Green (16%)
- Blue (18%)



- Red (8%)
- Yellow (12%)
- Blue (18%)



- Cyan (56%)
- Magenta (11%)
- Yellow (0%)
- Black (82%)



- Cyan (92%)
- Magenta (84%)
- Yellow (82%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 14282D 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 14282D by changing the saturation by 10% instead.



■ 14282D

■ 14282D

■ F9FFFF

■ 001418

■ 40555B

■ 000000

■ 586D73

■ 71878D

■ 8BA1A7

■ A5BCC2

■ C0D8DE

■ DCF4FB

■ 14282D

■ 14282D

■ 10272D

■ 19292D

■ 0B262D

■ 1D2A2D

■ 06252D

■ 222B2D

■ 02242D

■ 262C2D

■ 00242D

■ 2B2D2D

■ 2F2D2D

■ 342E2D

■ 382F2D

■ 3D302D

# Harmonies

## Analogous

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



142927



14282D



192730

# Triad

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



14282D



2F2129



272519

# Complementary

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



14282D



2D1914

# 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.



2D231A



14282D



312123

# Square

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



14282D



29232E



31221D



20271C

# Rectangle

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



14282D



1E2531



31221D



292519



# Sweetspot

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



14282D



31393B



142D19



181D1F



9E9E9E



1F1F1F



# Same Dimension

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



14282D



13333B



141B2D



151617



004557



00ABD6



# Inverse Universe

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



2D1428



3B1333



2D2614



171516



570045

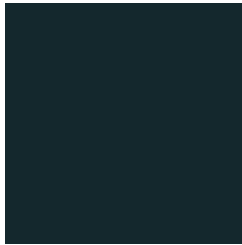


D600AB



# Previews

## White Background



This preview shows how the Hex color 14282D looks on a white background.

## Color Contrast Check

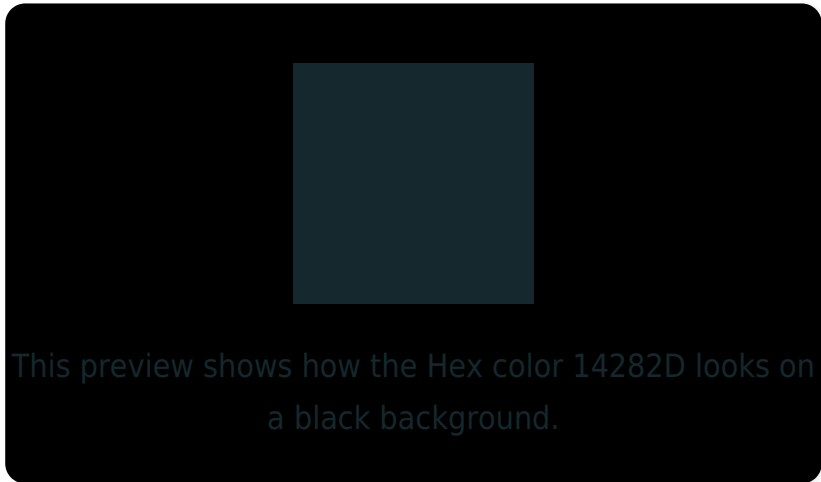
Large Text (above 18pt) WCAG AA ✓ Pass

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

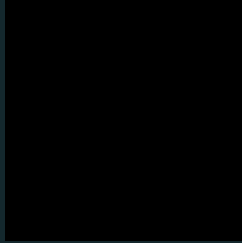
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

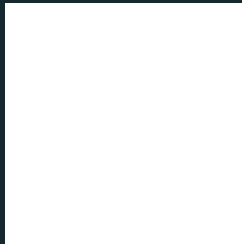
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 14282D Background



This preview shows how black text looks on a background with the Hex color 14282D.

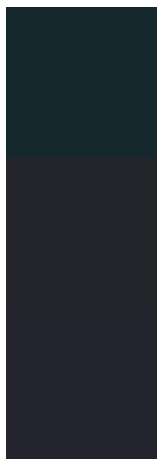


This preview shows how white text looks on a background with the Hex color 14282D.

# 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**  
14282D

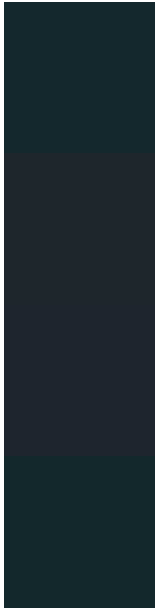
**Protanopia**  
24252B

**Deuteranopia**  
24242E



**Tritanopia**  
13282C

# Trichromacy



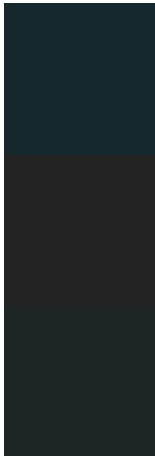
**Original Color**  
14282D

**Protanomaly**  
1E262C

**Deuteranomaly**  
1E252E

**Tritanomaly**  
13282C

# Monochromacy



**Original Color**  
14282D

**Achromatopsia**  
232323

**Achromatomaly**  
1E2527

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 14282D 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 #14282D looks like.

```
.text, #text, p{  
    color:#14282D  
}
```

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 #14282D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #14282D
}
```

## Border

The CSS property to change the border of an element to Hex 14282D is called "border". The border property can be set on classes, ids or directly on the HTML element.

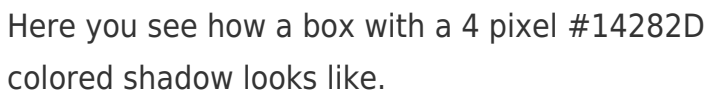
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#14282D }
```

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

```
.border{ border-color:#14282D }
```

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



Here you see how a box with a 4 pixel #14282D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #14282D; -webkit-box-shadow:4px 4px  
4px 4px #14282D; box-shadow:4px 4px 4px  
4px #14282D }
```

# Background

The CSS property to change the background color of an element to Hex 14282D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#14282D }
```

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

```
.background{ background-color:#14282D }
```

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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