

# Converting Colors

Hex(142A3C)

Have a look what the booklet for  
Hex(142A3C) contains.

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# Color

Hex(142A3C)

# Conversions

## Conversions Part 1

Format	Color
Hex	142A3C
RGB	20, 42, 60
RGB Percent	8%, 16%, 24%
CMY	0.9216, 0.8353, 0.7647
CMYK	0.67, 0.30, 0.00, 0.76
HSL	207°, 50%, 16%
HSV	207°, 67%, 24%
XYZ	1.9321, 2.1309, 4.5844
YIQ	37.4740, -18.8900, 0.9340

# Conversions

## Conversions Part 2

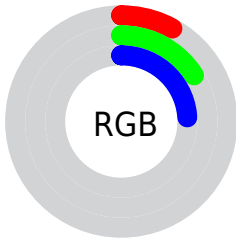
Format	Color
R <sub>Y</sub> B	20, 34, 60
Decimal	1321532
CIE Lab	16.16, -2.16, -14.13
CIE LCh	16, 14.295, 261.302
Yxy	2.1309, 0.2234, 0.2464
Android (android.graphics.Color)	4279511612 (0xFF142A3C)
YUV	37.4740, 11.1053, -15.3247
Hunter-Lab	14.5976, -1.9204, -8.4020

# Details

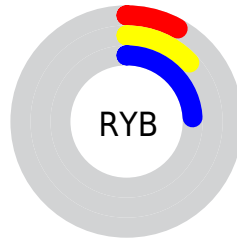
The Hex color **142A3C** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **3C2614**, and the grayscale version is **252525**.

A 20% lighter version of the original color is **43576B**, and **000111** is the 20% darker color. If you saturate the color by 10%, you get **0E273C**, and if you desaturate by 10%, it is **1A2D3C**.

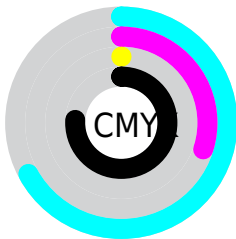
# Distribution



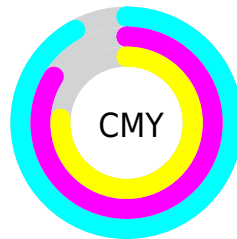
- Red (8%)
- Green (16%)
- Blue (24%)



- Red (8%)
- Yellow (13%)
- Blue (24%)



- Cyan (67%)
- Magenta (30%)
- Yellow (0%)
- Black (76%)



- Cyan (92%)
- Magenta (84%)
- Yellow (76%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 142A3C 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 142A3C by changing the saturation by 10% instead.



■ 142A3C

■ 142A3C

FEFFFF

■ 001626

■ 43576B

■ 000111

■ 5B6F85

■ 000000

■ 74899F

■ 8EA3BA

■ A9BED6

■ C5DAF2

■ E1F6FF

■ 142A3C

■ 142A3C

■ 0E273C

■ 1A2D3C

■ 08253C

■ 202F3C

■ 02223C

■ 26323C

■ 00213C

■ 2C353C

■ 32373C

■ 383A3C

■ 3E3D3C

■ 44403C

■ 4A423C

# Harmonies

## Analogous

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



032C38



142A3C



25273B

# Triad

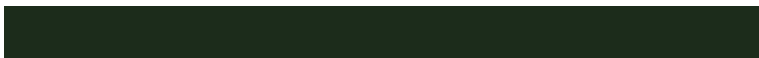
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



142A3C



3C2121



1C2C1B

# Complementary

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



142A3C



3C2614

# 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.



272A15



142A3C



392319

# Square

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



142A3C



3A202B



312614



0E2D25

# Rectangle

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



142A3C



2E2437



312614



202B18



# Sweetspot

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



142A3C



3F484F



143C26



1F2429



A8A8A8



292929



# Same Dimension

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



142A3C



10334F



14163C



1C1D1F



00345E



007ADE



# Inverse Universe

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



3C142A



4F1033



3C3A14



1F1C1D



5E0034

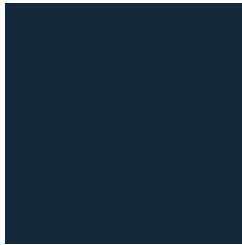


DE007A



# Previews

## White Background



This preview shows how the Hex color 142A3C looks on a white background.

## Color Contrast Check

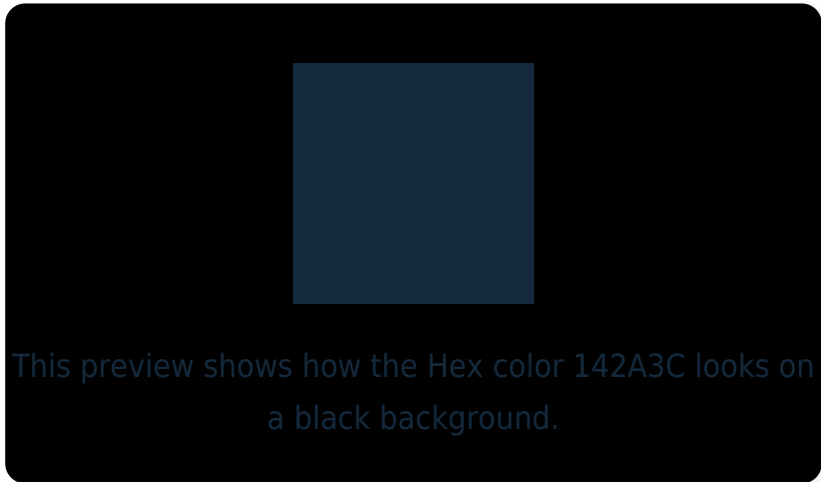
Large Text (above 18pt) WCAG AA ✓ Pass

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

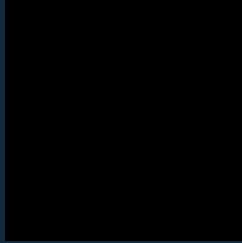
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

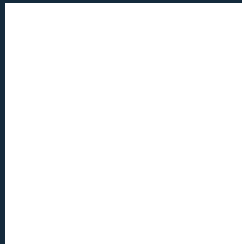
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 142A3C Background



This preview shows how black text looks on a background with the Hex color 142A3C.



This preview shows how white text looks on a background with the Hex color 142A3C.

# 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**  
142A3C

**Protanopia**  
22283A

**Deuteranopia**  
1F283C



**Tritanopia**  
0D2C30

# Trichromacy



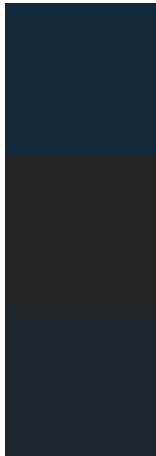
**Original Color**  
142A3C

**Protanomaly**  
1D293B

**Deuteranomaly**  
1B293C

**Tritanomaly**  
102B34

# Monochromacy



**Original Color**  
142A3C

**Achromatopsia**  
252525

**Achromatomaly**  
1F272D

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 142A3C 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 #142A3C looks like.

```
.text, #text, p{  
    color:#142A3C  
}
```

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 #142A3C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #142A3C
}
```

## Border

The CSS property to change the border of an element to Hex 142A3C is called "border". The border property can be set on classes, ids or directly on the HTML element.

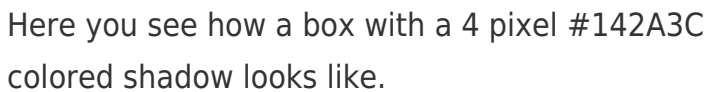
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#142A3C }
```

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

```
.border{ border-color:#142A3C }
```

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



Here you see how a box with a 4 pixel #142A3C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #142A3C; -webkit-box-shadow:4px 4px  
4px 4px #142A3C; box-shadow:4px 4px 4px  
4px #142A3C }
```

# Background

The CSS property to change the background color of an element to Hex 142A3C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#142A3C }
```

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

```
.background{ background-color:#142A3C }
```

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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