

Converting Colors

Hex(142E5B)

Have a look what the booklet for
Hex(142E5B) contains.

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Color

Hex(142E5B)

Conversions

Conversions Part 1

Format	Color
Hex	142E5B
RGB	20, 46, 91
RGB Percent	8%, 18%, 36%
CMY	0.9216, 0.8196, 0.6431
CMYK	0.78, 0.49, 0.00, 0.64
HSL	218°, 64%, 22%
HSV	218°, 78%, 36%
XYZ	3.1538, 2.8580, 10.2830
YIQ	43.3560, -29.9410, 8.4830

Conversions

Conversions Part 2

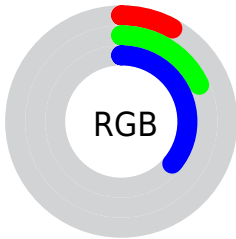
Format	Color
R_{YB}	20, 39, 91
Decimal	1322587
CIE Lab	19.47, 7.80, -29.93
CIE LCh	19, 30.929, 284.605
Yxy	2.8580, 0.1935, 0.1754
Android (android.graphics.Color)	4279512667 (0xFF142E5B)
YUV	43.3560, 23.4885, -20.4832
Hunter-Lab	16.9057, 3.7146, -24.2293

Details

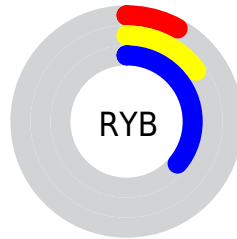
The Hex color **142E5B** is a dark color, and the websafe version is hex **003366**. A complement of this color would be **5B4114**, and the grayscale version is **2B2B2B**.

A 20% lighter version of the original color is **4A5B8E**, and **00002D** is the 20% darker color. If you saturate the color by 10%, you get **0B285B**, and if you desaturate by 10%, it is **1D345B**.

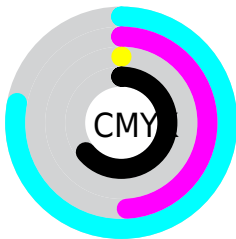
Distribution



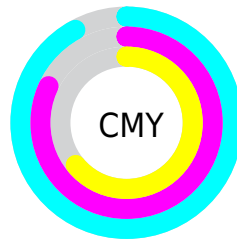
- Red (8%)
- Green (18%)
- Blue (36%)



- Red (8%)
- Yellow (15%)
- Blue (36%)



- Cyan (78%)
- Magenta (49%)
- Yellow (0%)
- Black (64%)



- Cyan (92%)
- Magenta (82%)
- Yellow (64%)

Brightness & Saturation Gradients

These gradients show how the Hex color 142E5B 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 142E5B by changing the saturation by 10% instead.

■ 142E5B

■ 142E5B

FFFFFF

■ 001A43

■ 4A5B8E

■ 00002D

■ 6474A8

■ 000117

■ 7E8DC4

■ 000000

■ 99A8E0

■ B5C3FC

■ D1DFFF

■ EEFBFF

■ 142E5B

■ 142E5B

■ 0B285B

■ 1D345B

■ 02225B

■ 263A5B

■ 00215B

■ 2F3F5B

■ 38455B

■ 424B5B

■ 4B515B

■ 54565B

■ 5D5C5B

■ 66625B

Harmonies

Analogous

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



00355B



142E5B



3E244F

Triad

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



142E5B



522010



003922

Complementary

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



142E5B



5B4114

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.



15360C



142E5B



442A00

Square

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



142E5B



571925



303100



003A3A

Rectangle

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



142E5B



4D1D43



303100



00381B

Sweetspot

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



142E5B



5A6475



145B41



2A303B



BABABA



3B3B3B

Same Dimension

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



142E5B



072F75



1D145B



292B2E



00286E



0057ED

Inverse Universe

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



5B142E



75072F



525B14



2E292B



6E0028



ED0057

Previews

White Background



This preview shows how the Hex color 142E5B looks on a white background.

Color Contrast Check

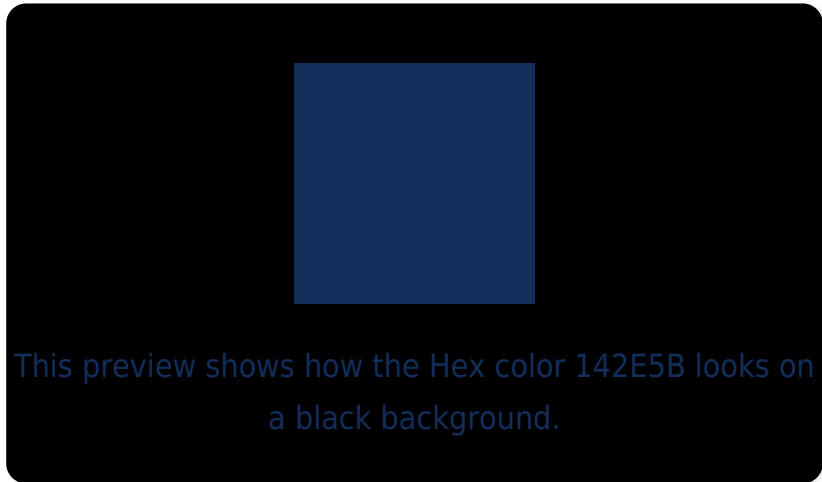
Large Text (above 18pt) WCAG AA ✓ Pass

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 142E5B Background



This preview shows how black text looks on a background with the Hex color 142E5B.



This preview shows how white text looks on a background with the Hex color 142E5B.

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
142E5B

Protanopia
162E5B

Deuteranopia
003055

Trichromacy



Original Color
142E5B

Protanomaly
152E5B

Deuteranomaly
072F57

Tritanomaly
073245

Monochromacy



Original Color
142E5B

Achromatopsia
2B2B2B

Achromatomaly
232C3C

CSS Examples

Text

The CSS property to change the color of the text to Hex 142E5B 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 #142E5B looks like.

```
.text, #text, p{  
    color:#142E5B  
}
```

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 #142E5B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #142E5B
}
```

Border

The CSS property to change the border of an element to Hex 142E5B 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".

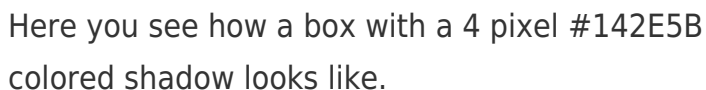
```
.border, #border, table{ border:4px solid
#142E5B }
```

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

```
.border{ border-color:#142E5B }
```

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

Here you see how a box with a 4 pixel #142E5B colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #142E5B; -webkit-box-shadow:4px 4px  
4px 4px #142E5B; box-shadow:4px 4px 4px  
4px #142E5B }
```

Background

The CSS property to change the background color of an element to Hex 142E5B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#142E5B }
```

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

```
.background{ background-color:#142E5B }
```

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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