

Converting Colors

Hex(12143B)

Have a look what the booklet for
Hex(12143B) contains.

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Color

Hex(12143B)

Conversions

Conversions Part 1

Format	Color
Hex	12143B
RGB	18, 20, 59
RGB Percent	7%, 8%, 23%
CMY	0.9294, 0.9216, 0.7686
CMYK	0.69, 0.66, 0.00, 0.77
HSL	237°, 53%, 15%
HSV	237°, 69%, 23%
XYZ	1.2890, 0.9447, 4.2521
YIQ	23.8480, -13.7110, 11.7050

Conversions

Conversions Part 2

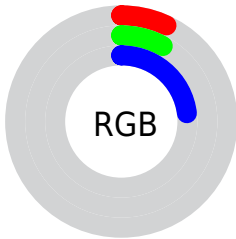
Format	Color
R_{YB}	18, 20, 59
Decimal	1184827
CIE Lab	8.52, 13.54, -25.58
CIE LCh	9, 28.938, 297.897
Yxy	0.9447, 0.1987, 0.1457
Android (android.graphics.Color)	4279374907 (0xFF12143B)
YUV	23.8480, 17.3299, -5.1287
Hunter-Lab	9.7194, 6.6643, -19.1346

Details

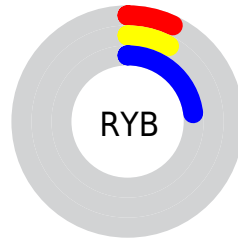
The Hex color **12143B** is a dark color, and the websafe version is hex **000033**. A complement of this color would be **3B3912**, and the grayscale version is **181818**.

A 20% lighter version of the original color is **423E6B**, and **00010E** is the 20% darker color. If you saturate the color by 10%, you get **0C0E3B**, and if you desaturate by 10%, it is **181A3B**.

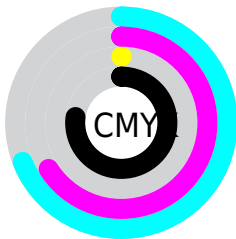
Distribution



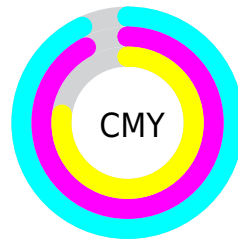
- Red (7%)
- Green (8%)
- Blue (23%)



- Red (7%)
- Yellow (8%)
- Blue (23%)



- Cyan (69%)
- Magenta (66%)
- Yellow (0%)
- Black (77%)



- Cyan (93%)
- Magenta (92%)
- Yellow (77%)

Brightness & Saturation Gradients

These gradients show how the Hex color 12143B 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 12143B by changing the saturation by 10% instead.

■ 12143B

■ 12143B

■ FDF4FF

■ 000025

■ 423E6B

■ 00010E

■ 5A5584

■ 000000

■ 736E9E

■ 8E87B9

■ A8A1D5

■ C4BCF2

■ E0D8FF

■ 12143B

■ 12143B

■ 0C0E3B

■ 181A3B

■ 06093B

■ 1E1F3B

■ 00033B

■ 24253B

■ 2A2A3B

■ 2F303B

■ 35363B

■ 3B3B3B

■ 41413B

■ 47473B

Harmonies

Analogous

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



001C3F



12143B



2E082D

Triad

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



12143B



300F00



002216

Complementary

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



12143B



3B3912

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.



002100



12143B



211700

Square

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



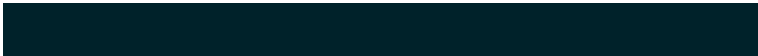
12143B



390400



0C1D00



00222A

Rectangle

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



12143B



360221



0C1D00



00220E

Sweetspot

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



12143B



3C3D4D



123B39



1D1D26



A6A6A6



262626

Same Dimension

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



12143B



0D104D



24123B



1C1C1F



00055E



000BDE

Inverse Universe

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



3B1214



4D0D10



293B12



1F1C1C



5E0005



DE000B

Previews

White Background



This preview shows how the Hex color 12143B looks on a white background.

Color Contrast Check

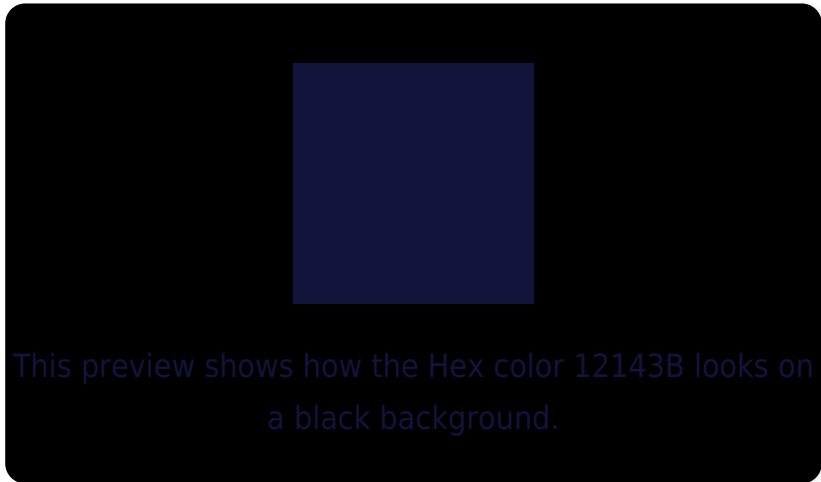
Large Text (above 18pt) WCAG AA ✓ Pass

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

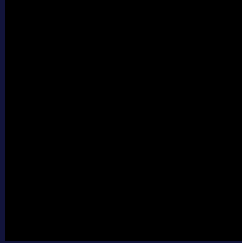
Any Text WCAG AA × Fail

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 12143B Background



This preview shows how black text looks on a background with the Hex color 12143B.



This preview shows how white text looks on a background with the Hex color 12143B.

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
12143B

Protanopia
001833

Deuteranopia
001A2C



Tritanopia
001C1E

Trichromacy



Original Color

12143B

Protanomaly

071736

Deuteranomaly

071831

Tritanomaly

071929

Monochromacy



Original Color

12143B

Achromatopsia

181818

Achromatomaly

161725

CSS Examples

Text

The CSS property to change the color of the text to Hex 12143B 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 #12143B looks like.

```
.text, #text, p{  
    color:#12143B  
}
```

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 #12143B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #12143B
}
```

Border

The CSS property to change the border of an element to Hex 12143B 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
#12143B }
```

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

```
.border{ border-color:#12143B }
```

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

Here you see how a box with a 4 pixel #12143B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #12143B; -webkit-box-shadow:4px 4px  
4px 4px #12143B; box-shadow:4px 4px 4px  
4px #12143B }
```

Background

The CSS property to change the background color of an element to Hex 12143B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#12143B }
```

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

```
.background{ background-color:#12143B }
```

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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