

Converting Colors

Hex(05182E)

Have a look what the booklet for
Hex(05182E) contains.

Hex(05182E)	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(05182E)

Conversions

Conversions Part 1

Format	Color
Hex	05182E
RGB	5, 24, 46
RGB Percent	2%, 9%, 18%
CMY	0.9804, 0.9059, 0.8196
CMYK	0.89, 0.48, 0.00, 0.82
HSL	212°, 80%, 10%
HSV	212°, 89%, 18%
XYZ	0.8824, 0.8828, 2.7087
YIQ	20.8270, -18.3860, 2.8140

Conversions

Conversions Part 2

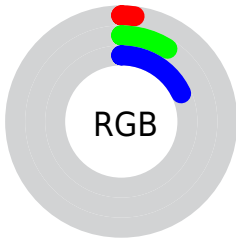
Format	Color
RYB	5, 18, 46
Decimal	333870
CIELab	7.97, 1.75, -17.05
CIELCh	8, 17.139, 275.853
Yxy	0.8828, 0.1972, 0.1973
Android (android.graphics.Color)	4278523950 (0xFF05182E)
YUV	20.8270, 12.4103, -13.8803
Hunter-Lab	9.3957, 0.3207, -10.5156

Details

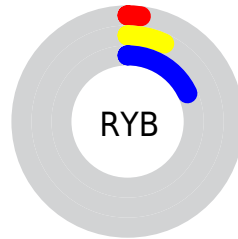
The Hex color **05182E** is a dark color, and the websafe version is hex **000000**. A complement of this color would be **2E1B05**, and the grayscale version is **151515**.

A 20% lighter version of the original color is **34425C**, and **000000** is the 20% darker color. If you saturate the color by 10%, you get **00162E**, and if you desaturate by 10%, it is **0A1A2E**.

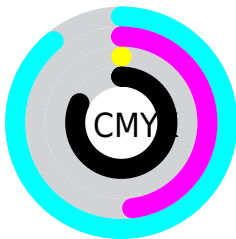
Distribution



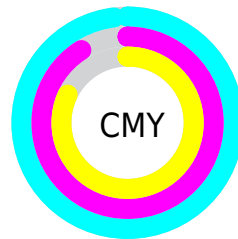
- Red (2%)
- Green (9%)
- Blue (18%)



- Red (2%)
- Yellow (7%)
- Blue (18%)



- Cyan (89%)
- Magenta (48%)
- Yellow (0%)
- Black (82%)



- Cyan (98%)
- Magenta (91%)
- Yellow (82%)

Brightness & Saturation Gradients

These gradients show how the Hex color 05182E 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 05182E by changing the saturation by 10% instead.

■ 05182E

■ 05182E

■ EBF9FF

■ 000119

■ 34425C

■ 000000

■ 4C5A75

■ 64728E

■ 7E8CA9

■ 98A6C4

■ B3C1E0

■ CFDDFD

■ 05182E

■ 05182E

■ 00162E

■ 0A1A2E

■ 00152E

■ 0E1D2E

■ 131F2E

■ 17222E

■ 1C242E

■ 21272E

■ 25292E

■ 2A2C2E

■ 2E2E2E

Harmonies

Analogous

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



001B2C



05182E



1B142A

Triad

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



05182E



2C0F05



001D0B

Complementary

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



05182E



2E1B05

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.



111B00



05182E



261300

Square

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



05182E



2C0D16



1D1700



001E19

Rectangle

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



05182E



241024



1D1700



031C05

Sweetspot

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



05182E



2B323B



052E1B



15191F



9E9E9E



1F1F1F

Same Dimension

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



05182E



001B3B



06052E



151617



002857



0063D6

Inverse Universe

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



2E0518



3B001B



2D2E05



171516



570028



D60063

Previews

White Background



This preview shows how the Hex color 05182E looks on a white background.

Color Contrast Check

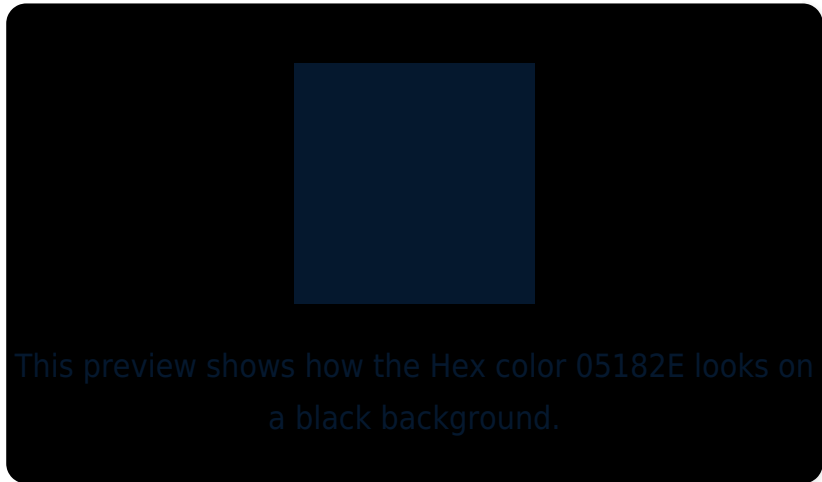
Large Text (above 18pt) WCAG AA ✓ Pass

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

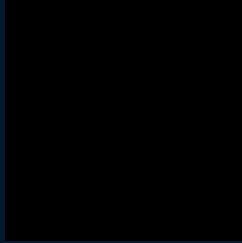
Any Text WCAG AA × Fail

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 05182E Background



This preview shows how black text looks on a background with the Hex color 05182E.



This preview shows how white text looks on a background with the Hex color 05182E.

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
05182E

Protanopia
0C172D

Deuteranopia
00192B



Tritanopia
001B1D

Trichromacy



Original Color
05182E

Protanomaly
09172D

Deuteranomaly
02192C

Tritanomaly
021A23

Monochromacy



Original Color
05182E

Achromatopsia
151515

Achromatomaly
0F161E

CSS Examples

Text

The CSS property to change the color of the text to Hex 05182E 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 #05182E looks like.

```
.text, #text, p{  
    color:#05182E  
}
```

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 #05182E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #05182E
}
```

Border

The CSS property to change the border of an element to Hex 05182E is called "border". The border property can be set on classes, ids or directly on the HTML element.

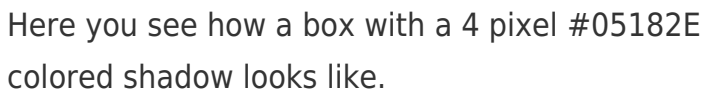
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#05182E }
```

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

```
.border{ border-color:#05182E }
```

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



Here you see how a box with a 4 pixel #05182E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #05182E; -webkit-box-shadow:4px 4px  
4px 4px #05182E; box-shadow:4px 4px 4px  
4px #05182E }
```

Background

The CSS property to change the background color of an element to Hex 05182E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#05182E }
```

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

```
.background{ background-color:#05182E }
```

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