

Converting Colors

Hex(05172B)

Have a look what the booklet for
Hex(05172B) contains.

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Color

Hex(05172B)

Conversions

Conversions Part 1

Format	Color
Hex	05172B
RGB	5, 23, 43
RGB Percent	2%, 9%, 17%
CMY	0.9804, 0.9098, 0.8314
CMYK	0.88, 0.47, 0.00, 0.83
HSL	212°, 79%, 9%
HSV	212°, 88%, 17%
XYZ	0.8050, 0.8195, 2.4012
YIQ	19.8980, -17.1480, 2.4040

Conversions

Conversions Part 2

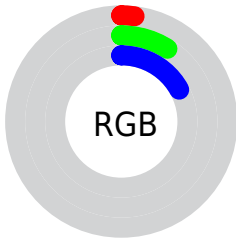
Format	Color
R_{YB}	5, 17, 43
Decimal	333611
CIE Lab	7.40, 1.07, -15.74
CIE LCh	7, 15.774, 273.893
Yxy	0.8195, 0.2000, 0.2036
Android (android.graphics.Color)	4278523691 (0xFF05172B)
YUV	19.8980, 11.3893, -13.0655
Hunter-Lab	9.0525, 0.0320, -9.3904

Details

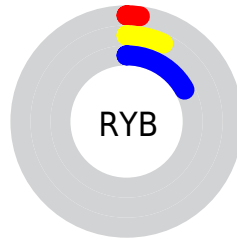
The Hex color **05172B** is a dark color, and the websafe version is hex **000000**. A complement of this color would be **2B1905**, and the grayscale version is **141414**.

A 20% lighter version of the original color is **334159**, and **000000** is the 20% darker color. If you saturate the color by 10%, you get **01152B**, and if you desaturate by 10%, it is **09192B**.

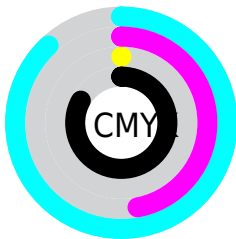
Distribution



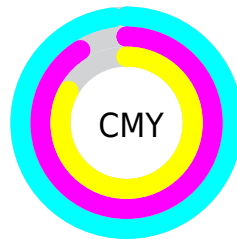
- Red (2%)
- Green (9%)
- Blue (17%)



- Red (2%)
- Yellow (7%)
- Blue (17%)



- Cyan (88%)
- Magenta (47%)
- Yellow (0%)
- Black (83%)



- Cyan (98%)
- Magenta (91%)
- Yellow (83%)

Brightness & Saturation Gradients

These gradients show how the Hex color 05172B 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 05172B by changing the saturation by 10% instead.

■ 05172B

■ 05172B

■ EAF8FF

■ 000117

■ 334159

■ 000000

■ 4B5971

■ 63718B

■ 7D8AA5

■ 97A5C0

■ B2C0DC

■ CDDCF9

■ 05172B

■ 05172B

■ 01152B

■ 09192B

■ 00142B

■ 0E1C2B

■ 121E2B

■ 16202B

■ 1A222B

■ 1F252B

■ 23272B

■ 27292B

■ 2C2B2B

Harmonies

Analogous

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



001A29



05172B



191328

Triad

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



05172B



290E06



001C09

Complementary

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



05172B



2B1905

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.



111900



05172B



251200

Square

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



05172B



290D15



1C1600



001D17

Rectangle

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



05172B



211023



1C1600



041B04

Sweetspot

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



05172B



293038



052B19



13171C



9C9C9C



1C1C1C

Same Dimension

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



05172B



001B38



06052B



121314



002854



0064D4

Inverse Universe

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



2B0517



38001B



2A2B05



141213



540028



D40064

Previews

White Background



This preview shows how the Hex color 05172B looks on a white background.

Color Contrast Check

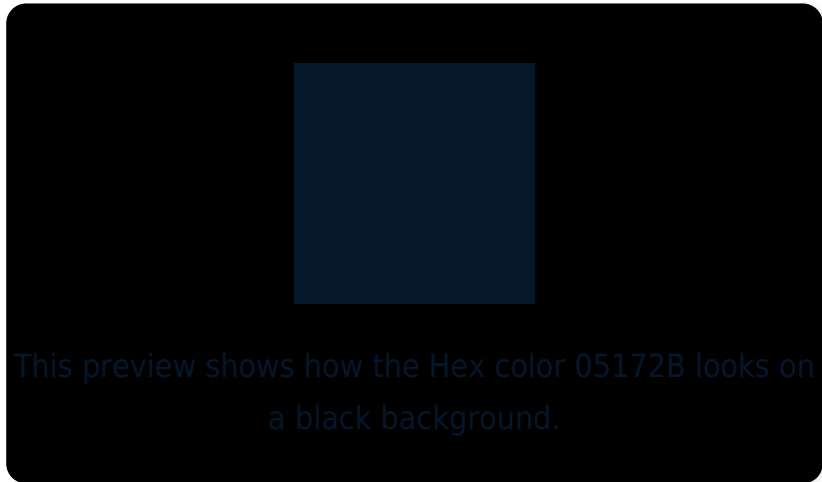
Large Text (above 18pt) WCAG AA ✓ Pass

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

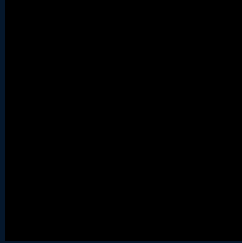
Any Text WCAG AA × Fail

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 05172B Background



This preview shows how black text looks on a background with the Hex color 05172B.



This preview shows how white text looks on a background with the Hex color 05172B.

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
05172B

Protanopia
0D162A

Deuteranopia
001729



Tritanopia
001A1B

Trichromacy



Original Color
05172B

Protanomaly
0A162A

Deuteranomaly
02172A

Tritanomaly
021921

Monochromacy



Original Color
05172B

Achromatopsia
141414

Achromatomaly
0F151C

CSS Examples

Text

The CSS property to change the color of the text to Hex 05172B 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 #05172B looks like.

```
.text, #text, p{  
    color:#05172B  
}
```

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 #05172B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #05172B
}
```

Border

The CSS property to change the border of an element to Hex 05172B is called "border". The border property can be set on classes, ids or directly on the HTML element.

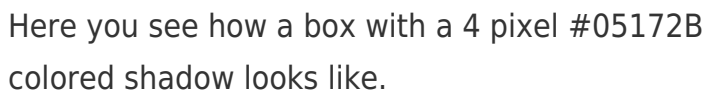
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#05172B }
```

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

```
.border{ border-color:#05172B }
```

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



Here you see how a box with a 4 pixel #05172B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #05172B; -webkit-box-shadow:4px 4px  
4px 4px #05172B; box-shadow:4px 4px 4px  
4px #05172B }
```

Background

The CSS property to change the background color of an element to Hex 05172B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#05172B }
```

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

```
.background{ background-color:#05172B }
```

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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