

Converting Colors

Hex(05122D)

Have a look what the booklet for
Hex(05122D) contains.

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Color

Hex(05122D)

Conversions

Conversions Part 1

Format	Color
Hex	05122D
RGB	5, 18, 45
RGB Percent	2%, 7%, 18%
CMY	0.9804, 0.9294, 0.8235
CMYK	0.89, 0.60, 0.00, 0.82
HSL	220°, 80%, 10%
HSV	220°, 89%, 18%
XYZ	0.7525, 0.6543, 2.5693
YIQ	17.1910, -16.4150, 5.6410

Conversions

Conversions Part 2

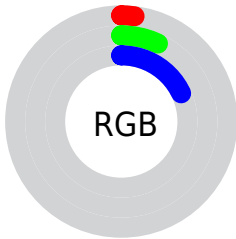
Format	Color
RYB	5, 15, 45
Decimal	332333
CIELab	5.91, 5.35, -19.59
CIELCh	6, 20.306, 285.278
Yxy	0.6543, 0.1893, 0.1646
Android (android.graphics.Color)	4278522413 (0xFF05122D)
YUV	17.1910, 13.7098, -10.6915
Hunter-Lab	8.0891, 2.4503, -13.1692

Details

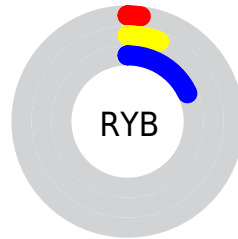
The Hex color **05122D** is a dark color, and the websafe version is hex **000033**. A complement of this color would be **2D2005**, and the grayscale version is **111111**.

A 20% lighter version of the original color is **333C5B**, and **000000** is the 20% darker color. If you saturate the color by 10%, you get **010F2D**, and if you desaturate by 10%, it is **0A152D**.

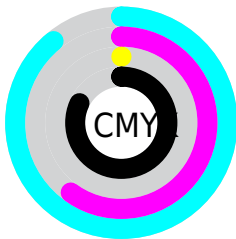
Distribution



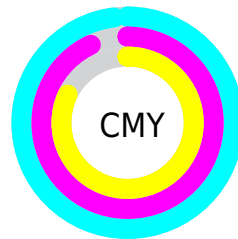
- Red (2%)
- Green (7%)
- Blue (18%)



- Red (2%)
- Yellow (6%)
- Blue (18%)



- Cyan (89%)
- Magenta (60%)
- Yellow (0%)
- Black (82%)



- Cyan (98%)
- Magenta (93%)
- Yellow (82%)

Brightness & Saturation Gradients

These gradients show how the Hex color 05122D 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 05122D by changing the saturation by 10% instead.

■ 05122D

■ 05122D

■ EBF2FF

■ 000118

■ 333C5B

■ 000000

■ 4B5374

■ 646B8D

■ 7D85A8

■ 979FC3

■ B2B9DF

■ CED5FC

■ 05122D

■ 05122D

■ 010F2D

■ 0A152D

■ 000F2D

■ 0E182D

■ 131B2D

■ 171E2D

■ 1C212D

■ 20242D

■ 25272D

■ 292A2D

■ 2E2D2D

Harmonies

Analogous

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



00172D



05122D



1D0C26

Triad

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



05122D



280900



001B08

Complementary

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



05122D



2D2005

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.



001900



05122D



201000

Square

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



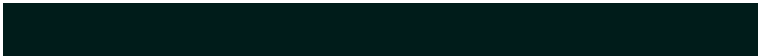
05122D



2C0509



121500



001C1A

Rectangle

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



05122D



25071F



121500



001B00

Sweetspot

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



05122D



2B303B



052D20



15181F



9E9E9E



1F1F1F

Same Dimension

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



05122D



00133B



0C052D



151517



001C57



0046D6

Inverse Universe

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



2D0512



3B0013



262D05



171515



57001C



D60046

Previews

White Background



This preview shows how the Hex color 05122D looks on a white background.

Color Contrast Check

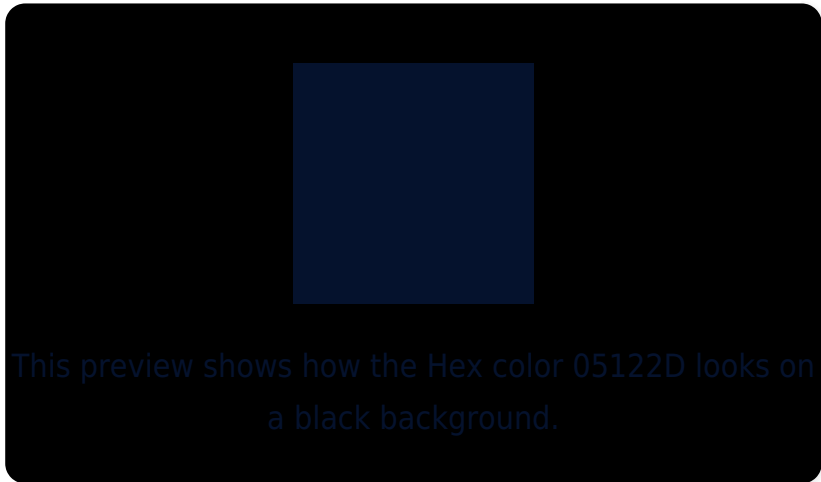
Large Text (above 18pt) WCAG AA ✓ Pass

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

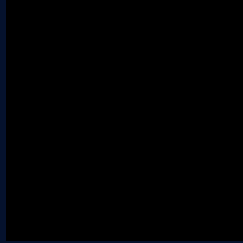
Any Text WCAG AA × Fail

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 05122D Background



This preview shows how black text looks on a background with the Hex color 05122D.



This preview shows how white text looks on a background with the Hex color 05122D.

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
05122D

Protanopia
001329

Deuteranopia
001523



Tritanopia
001618

Trichromacy



Original Color
05122D

Protanomaly
02132A

Deuteranomaly
021427

Tritanomaly
021520

Monochromacy



Original Color
05122D

Achromatopsia
111111

Achromatomaly
0D111B

CSS Examples

Text

The CSS property to change the color of the text to Hex 05122D 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 #05122D looks like.

```
.text, #text, p{  
    color:#05122D  
}
```

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 #05122D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #05122D
}
```

Border

The CSS property to change the border of an element to Hex 05122D is called "border". The border property can be set on classes, ids or directly on the HTML element.

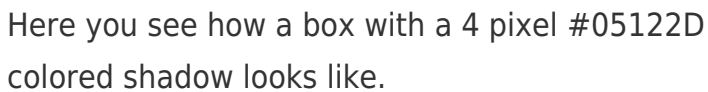
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#05122D }
```

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

```
.border{ border-color:#05122D }
```

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



Here you see how a box with a 4 pixel #05122D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #05122D; -webkit-box-shadow:4px 4px  
4px 4px #05122D; box-shadow:4px 4px 4px  
4px #05122D }
```

Background

The CSS property to change the background color of an element to Hex 05122D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#05122D }
```

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

```
.background{ background-color:#05122D }
```

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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