

Converting Colors

Hex(05132F)

Have a look what the booklet for
Hex(05132F) contains.

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Color

Hex(05132F)

Conversions

Conversions Part 1

Format	Color
Hex	05132F
RGB	5, 19, 47
RGB Percent	2%, 7%, 18%
CMY	0.9804, 0.9255, 0.8157
CMYK	0.89, 0.60, 0.00, 0.82
HSL	220°, 81%, 10%
HSV	220°, 89%, 18%
XYZ	0.8085, 0.7032, 2.7824
YIQ	18.0060, -17.3320, 5.7400

Conversions

Conversions Part 2

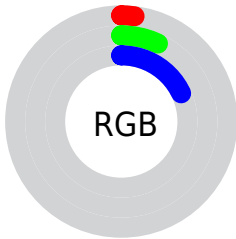
Format	Color
R _Y B	5, 16, 47
Decimal	332591
CIE Lab	6.35, 5.74, -20.37
CIE LCh	6, 21.164, 285.738
Yxy	0.7032, 0.1883, 0.1638
Android (android.graphics.Color)	4278522671 (0xFF05132F)
YUV	18.0060, 14.2940, -11.4063
Hunter-Lab	8.3860, 2.5350, -13.8021

Details

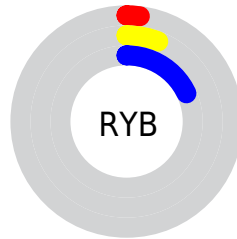
The Hex color **05132F** is a dark color, and the websafe version is hex **000033**. A complement of this color would be **2F2105**, and the grayscale version is **121212**.

A 20% lighter version of the original color is **343D5D**, and **000000** is the 20% darker color. If you saturate the color by 10%, you get **00102F**, and if you desaturate by 10%, it is **0A162F**.

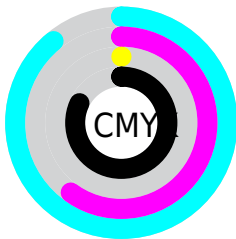
Distribution



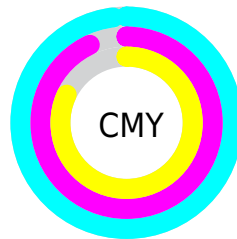
- Red (2%)
- Green (7%)
- Blue (18%)



- 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 05132F 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 05132F by changing the saturation by 10% instead.

■ 05132F

■ 05132F

■ ECF3FF

■ 00011A

■ 343D5D

■ 000000

■ 4C5476

■ 656C90

■ 7E85AA

■ 98A0C6

■ B4BBE2

■ CFD6FE

■ 05132F

■ 05132F

■ 00102F

■ 0A162F

■ 0E192F

■ 131C2F

■ 18202F

■ 1C232F

■ 21262F

■ 26292F

■ 2B2C2F

■ 2F2F2F

Harmonies

Analogous

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



00182F



05132F



1E0C28

Triad

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



05132F



2A0A00



001C0A

Complementary

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



05132F



2F2105

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.



001A00



05132F



211100

Square

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



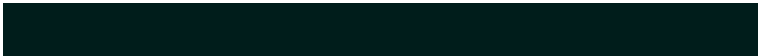
05132F



2D050A



131600



001D1B

Rectangle

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



05132F



270820



131600



001C01

Sweetspot

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



05132F



2D323D



052F21



15181F



9E9E9E



1F1F1F

Same Dimension

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



05132F



00143D



0C052F



151517



001D57



0047D6

Inverse Universe

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



2F0513



3D0014



282F05



171515



57001D



D60047

Previews

White Background



This preview shows how the Hex color 05132F looks on a white background.

Color Contrast Check

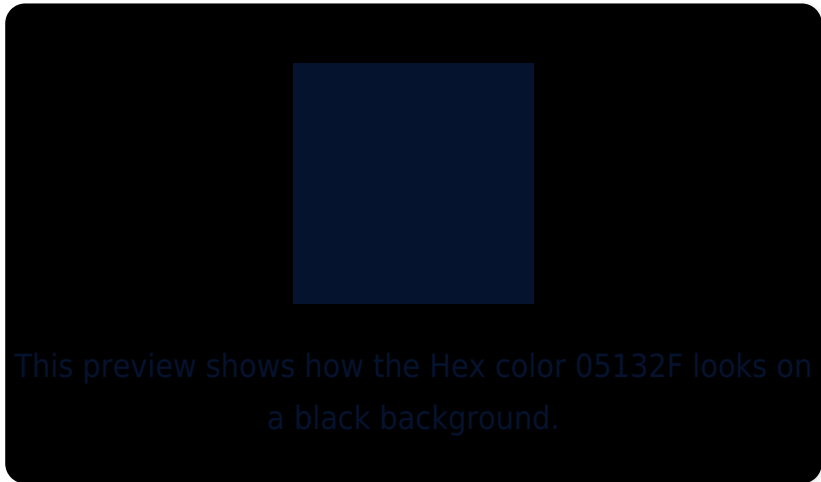
Large Text (above 18pt) WCAG AA ✓ Pass

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

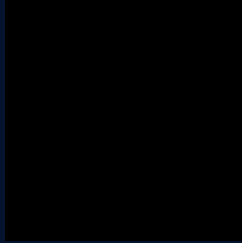
Any Text WCAG AA × Fail

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 05132F Background



This preview shows how black text looks on a background with the Hex color 05132F.



This preview shows how white text looks on a background with the Hex color 05132F.

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
05132F

Protanopia
00142B

Deuteranopia
001625



Tritanopia
001719

Trichromacy



Original Color
05132F

Protanomaly
02142C

Deuteranomaly
021529

Tritanomaly
021621

Monochromacy



Original Color
05132F

Achromatopsia
121212

Achromatomaly
0D121D

CSS Examples

Text

The CSS property to change the color of the text to Hex 05132F 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 #05132F looks like.

```
.text, #text, p{  
    color:#05132F  
}
```

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 #05132F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #05132F
}
```

Border

The CSS property to change the border of an element to Hex 05132F is called "border". The border property can be set on classes, ids or directly on the HTML element.

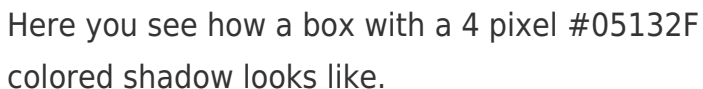
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#05132F }
```

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

```
.border{ border-color:#05132F }
```

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



Here you see how a box with a 4 pixel #05132F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #05132F; -webkit-box-shadow:4px 4px  
4px 4px #05132F; box-shadow:4px 4px 4px  
4px #05132F }
```

Background

The CSS property to change the background color of an element to Hex 05132F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#05132F }
```

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

```
.background{ background-color:#05132F }
```

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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