

Converting Colors

Hex(05134C)

Have a look what the booklet for
Hex(05134C) contains.

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Color

Hex(05134C)

Conversions

Conversions Part 1

Format	Color
Hex	05134C
RGB	5, 19, 76
RGB Percent	2%, 7%, 30%
CMY	0.9804, 0.9255, 0.7020
CMYK	0.93, 0.75, 0.00, 0.70
HSL	228°, 88%, 16%
HSV	228°, 93%, 30%
XYZ	1.6000, 1.0198, 6.9500
YIQ	21.3120, -26.6410, 14.7590

Conversions

Conversions Part 2

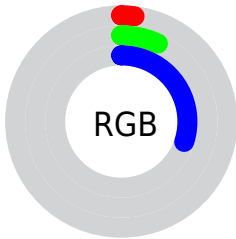
Format	Color
RYB	5, 17, 76
Decimal	332620
CIELab	9.16, 19.71, -36.56
CIELCh	9, 41.535, 298.336
Yxy	1.0198, 0.1672, 0.1066
Android (android.graphics.Color)	4278522700 (0xFF05134C)
YUV	21.3120, 26.9612, -14.3056
Hunter-Lab	10.0986, 10.6081, -33.7353

Details

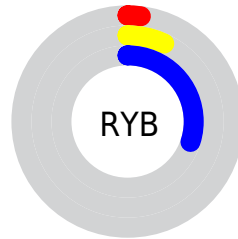
The Hex color **05134C** is a dark color, and the websafe version is hex **000033**. A complement of this color would be **4C3E05**, and the grayscale version is **151515**.

A 20% lighter version of the original color is **3F3D7E**, and **00021F** is the 20% darker color. If you saturate the color by 10%, you get **000F4C**, and if you desaturate by 10%, it is **0D194C**.

Distribution



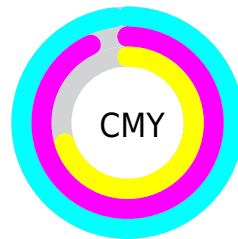
- Red (2%)
- Green (7%)
- Blue (30%)



- Red (2%)
- Yellow (7%)
- Blue (30%)



- Cyan (93%)
- Magenta (75%)
- Yellow (0%)
- Black (70%)



- Cyan (98%)
- Magenta (93%)
- Yellow (70%)

Brightness & Saturation Gradients

These gradients show how the Hex color 05134C 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 05134C by changing the saturation by 10% instead.

■ 05134C

■ 05134C

■ FFF3FF

■ 000035

■ 3F3D7E

■ 00021F

■ 595498

■ 000002

■ 736CB3

■ 000000

■ 8E86CF

■ A9A0EB

■ C5BBFF

■ E2D7FF

■ 05134C

■ 05134C

■ 000F4C

■ 0D194C

■ 141F4C

■ 1C254C

■ 232B4C

■ 2B324C

■ 33384C

■ 3A3E4C

■ 42444C

■ 494A4C

Harmonies

Analogous

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



001F53



05134C



370038

Triad

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



05134C



370900



002617

Complementary

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



05134C



4C3E05

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.



002500



05134C



231800

Square

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



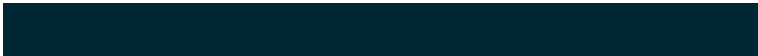
05134C



450000



002000



002734

Rectangle

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



05134C



430026



002000



00260B

Sweetspot

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



05134C



484D63



054C3E



222533



B3B3B3



333333

Same Dimension

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



05134C



001463



1A054C



222326



001466



002DE6

Inverse Universe

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



4C0513



630014



374C05



262223



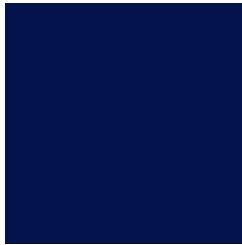
660014



E6002D

Previews

White Background



This preview shows how the Hex color 05134C looks on a white background.

Color Contrast Check

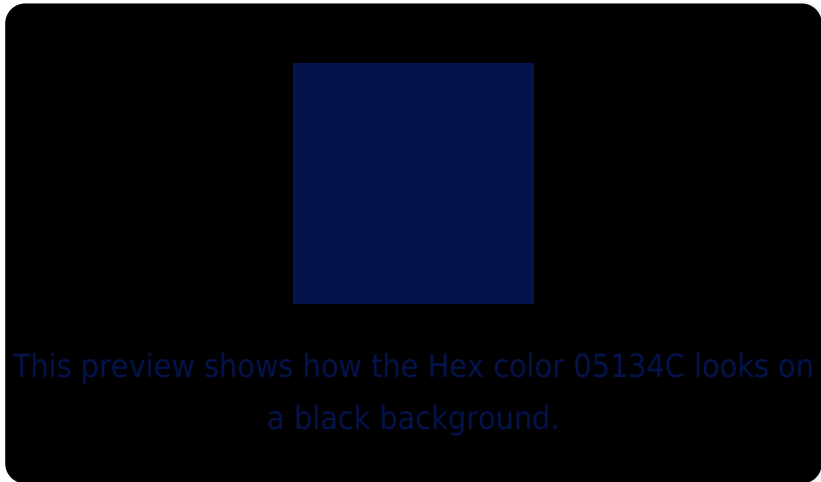
Large Text (above 18pt) WCAG AA ✓ Pass

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 05134C Background



This preview shows how black text looks on a background with the Hex color 05134C.



This preview shows how white text looks on a background with the Hex color 05134C.

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
05134C

Protanopia
001A38

Deuteranopia
001C2F



Tritanopia
001E20

Trichromacy



Original Color
05134C

Protanomaly
02173F

Deuteranomaly
02193A

Tritanomaly
021A30

Monochromacy



Original Color
05134C

Achromatopsia
151515

Achromatomaly
0F1429

CSS Examples

Text

The CSS property to change the color of the text to Hex 05134C 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 #05134C looks like.

```
.text, #text, p{  
    color:#05134C  
}
```

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 #05134C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #05134C
}
```

Border

The CSS property to change the border of an element to Hex 05134C is called "border". The border property can be set on classes, ids or directly on the HTML element.

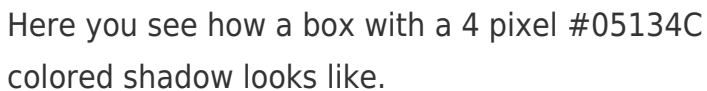
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#05134C }
```

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

```
.border{ border-color:#05134C }
```

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



Here you see how a box with a 4 pixel #05134C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #05134C; -webkit-box-shadow:4px 4px  
4px 4px #05134C; box-shadow:4px 4px 4px  
4px #05134C }
```

Background

The CSS property to change the background color of an element to Hex 05134C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#05134C }
```

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

```
.background{ background-color:#05134C }
```

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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