

Converting Colors

Hex(00105B)

Have a look what the booklet for
Hex(00105B) contains.

Hex(00105B)	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(00105B)

Conversions

Conversions Part 1

Format	Color
Hex	00105B
RGB	0, 16, 91
RGB Percent	0%, 6%, 36%
CMY	1.0000, 0.9373, 0.6431
CMYK	1.00, 0.82, 0.00, 0.64
HSL	229°, 100%, 18%
HSV	229°, 100%, 36%
XYZ	2.0736, 1.1259, 10.0056
YIQ	19.7660, -33.6110, 19.9330

Conversions

Conversions Part 2

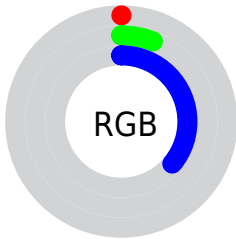
Format	Color
RYB	0, 14, 91
Decimal	4187
CIELab	10.00, 27.65, -45.43
CIELCh	10, 53.177, 301.325
Yxy	1.1259, 0.1570, 0.0853
Android (android.graphics.Color)	4278194267 (0xFF00105B)
YUV	19.7660, 35.1184, -17.3348
Hunter-Lab	10.6109, 16.3140, -48.4799

Details

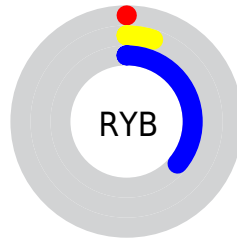
The Hex color **00105B** is a dark color, and the websafe version is hex **330066**. A complement of this color would be **5B4B00**, and the grayscale version is **131313**.

A 20% lighter version of the original color is **433A8E**, and **00032C** is the 20% darker color. If you saturate the color by 10%, you get **00105B**, and if you desaturate by 10%, it is **09175B**.

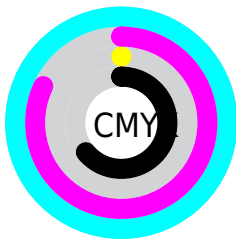
Distribution



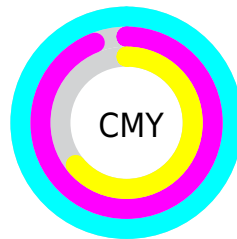
- Red (0%)
- Green (6%)
- Blue (36%)



- Red (0%)
- Yellow (5%)
- Blue (36%)



- Cyan (100%)
- Magenta (82%)
- Yellow (0%)
- Black (64%)



- Cyan (100%)
- Magenta (94%)
- Yellow (64%)

Brightness & Saturation Gradients

These gradients show how the Hex color 00105B 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 00105B by changing the saturation by 10% instead.

■ 00105B

■ 00105B

■ FFF1FF

■ 000043

■ 433A8E

■ 00032C

■ 5E52A9

■ 000116

■ 796AC5

■ 000000

■ 9583E1

■ B19EFE

■ CDB9FF

■ EAD4FF

■ 00105B

■ 09175B

■ 121F5B

■ 1B265B

■ 242E5B

■ 2E355B

■ 373D5B

■ 40445B

■ 494C5B

■ 52545B

Harmonies

Analogous

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



002266



00105B



44003F

Triad

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



00105B



3D0600



00281C

Complementary

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



00105B



5B4B00

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.



002800



00105B



221B00

Square

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



00105B



4F0000



002400



002A41

Rectangle

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



00105B



510028



002400



00280E

Sweetspot

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



00105B



525875



005B4A



26293B



BABABA



3B3B3B

Same Dimension

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



00105B



001575



1D005B



292A2E



00136E



002AED

Inverse Universe

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



5B0010



750015



3E5B00



2E292A



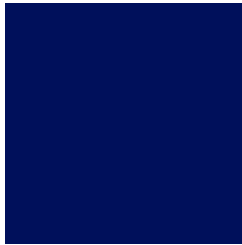
6E0013



ED002A

Previews

White Background



This preview shows how the Hex color 00105B looks on a white background.

Color Contrast Check

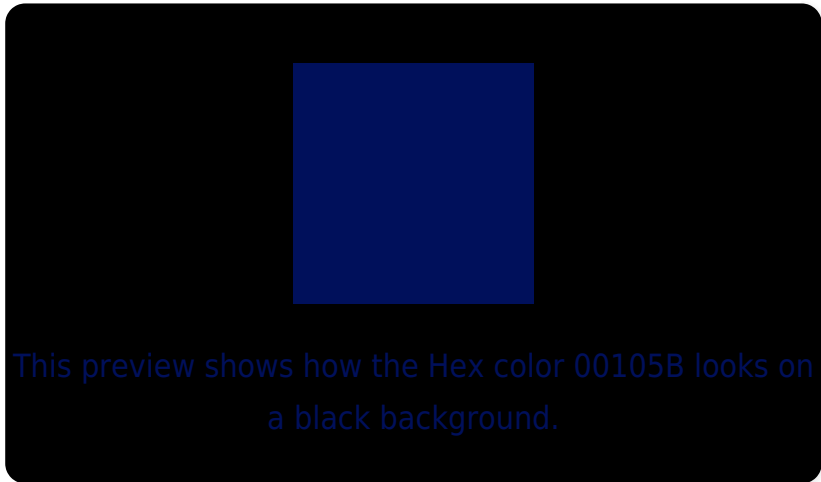
Large Text (above 18pt) WCAG AA ✓ Pass

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

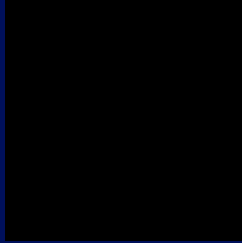
Any Text WCAG AA × Fail

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 00105B Background



This preview shows how black text looks on a background with the Hex color 00105B.



This preview shows how white text looks on a background with the Hex color 00105B.

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
00105B

Protanopia
001D3D

Deuteranopia
001F34

Trichromacy



Original Color
00105B

Protanomaly
001848

Deuteranomaly
001A42

Tritanomaly
001B37

Monochromacy



Original Color
00105B

Achromatopsia
141414

Achromatomaly
0D132E

CSS Examples

Text

The CSS property to change the color of the text to Hex 00105B 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 #00105B looks like.

```
.text, #text, p{  
    color:#00105B  
}
```

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 #00105B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #00105B
}
```

Border

The CSS property to change the border of an element to Hex 00105B is called "border". The border property can be set on classes, ids or directly on the HTML element.

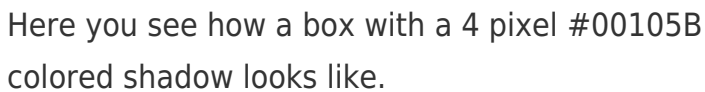
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#00105B }
```

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

```
.border{ border-color:#00105B }
```

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



Here you see how a box with a 4 pixel #00105B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #00105B; -webkit-box-shadow:4px 4px  
4px 4px #00105B; box-shadow:4px 4px 4px  
4px #00105B }
```

Background

The CSS property to change the background color of an element to Hex 00105B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#00105B }
```

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

```
.background{ background-color:#00105B }
```

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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