

Converting Colors

Hex(05007A)

Have a look what the booklet for
Hex(05007A) contains.

Hex(05007A)	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(05007A)

Conversions

Conversions Part 1

Format	Color
Hex	05007A
RGB	5, 0, 122
RGB Percent	2%, 0%, 48%
CMY	0.9804, 1.0000, 0.5216
CMYK	0.96, 1.00, 0.00, 0.52
HSL	242°, 100%, 24%
HSV	242°, 100%, 48%
XYZ	3.5754, 1.4374, 18.5014
YIQ	15.4030, -36.1820, 39.0020

Conversions

Conversions Part 2

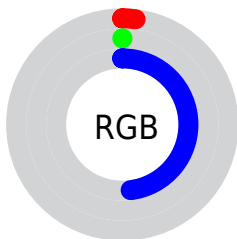
Format	Color
R_{YB}	5, 0, 122
Decimal	327802
CIE _{Lab}	12.20, 45.96, -62.15
CIE _{LCh}	12, 77.297, 306.485
Yxy	1.4374, 0.1521, 0.0611
Android (android.graphics.Color)	4278517882 (0xFF05007A)
YUV	15.4030, 52.5523, -9.1234
Hunter-Lab	11.9892, 32.2516, -83.1021

Details

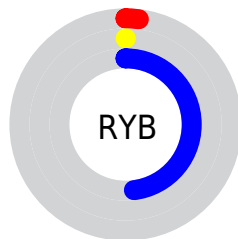
The Hex color **05007A** is a dark color, and the websafe version is hex **000066**. A complement of this color would be **757A00**, and the grayscale version is **0F0F0F**.

A 20% lighter version of the original color is **5232B0**, and **000048** is the 20% darker color. If you saturate the color by 10%, you get **05007A**, and if you desaturate by 10%, it is **110C7A**.

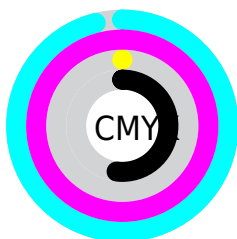
Distribution



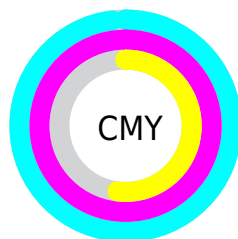
- Red (2%)
- Green (0%)
- Blue (48%)



- Red (2%)
- Yellow (0%)
- Blue (48%)



- Cyan (96%)
- Magenta (100%)
- Yellow (0%)
- Black (52%)



- Cyan (98%)
- Magenta (100%)
- Yellow (52%)

Brightness & Saturation Gradients

These gradients show how the Hex color 05007A 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 05007A by changing the saturation by 10% instead.

05007A

05007A

FFEBFF

000060

5232B0

000048

6F4ACC

000430

8C63E8

00011A

A97DFF

000000

C697FF

E3B2FF

FFCEFF

05007A

■ 110C7A

■ 1C187A

■ 28257A

■ 34317A

■ 403D7A

■ 4B497A

■ 57557A

■ 63627A

■ 6E6E7A

Harmonies

Analogous

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



002991



05007A



61004C

Triad

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



05007A



480300



002F2B

Complementary

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



05007A



757A00

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.



002E00



05007A



1E2200

Square

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



05007A



650000



002C00



003261

Rectangle

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



05007A



700029



002C00



002E18

Sweetspot

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



05007A



716F9E



00767A



34334F



CFCFCF



4F4F4F

Same Dimension

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



05007A



06009E



41007A



37373D



05007D



0A00FC

Inverse Universe

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



7A0075



9E0098



397A00



3D373D



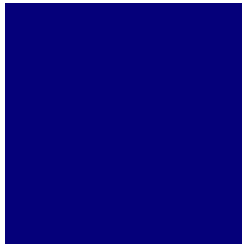
7D0078



FC00F2

Previews

White Background



This preview shows how the Hex color 05007A looks on a white background.

Color Contrast Check

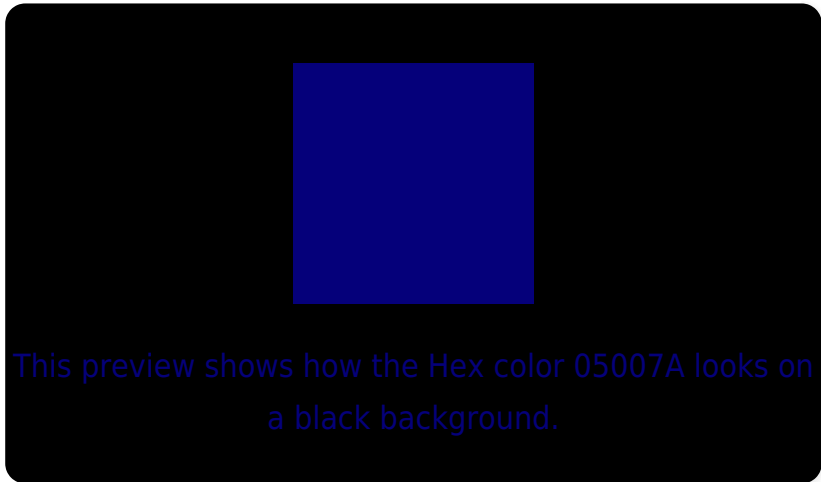
Large Text (above 18pt) WCAG AA ✓ Pass

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

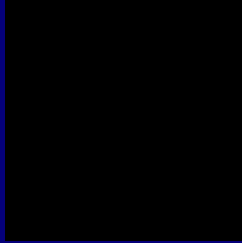
Any Text WCAG AA × Fail

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 05007A Background



This preview shows how black text looks on a background with the Hex color 05007A.



This preview shows how white text looks on a background with the Hex color 05007A.

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

05007A

Protanopia

00244B

Deuteranopia

00263F



Tritanopia
00292B

Trichromacy



Original Color

05007A

Protanomaly

02175C

Deuteranomaly

021854

Tritanomaly

021A48

Monochromacy



Original Color

05007A

Achromatopsia

0F0F0F

Achromatomaly

0B0A36

CSS Examples

Text

The CSS property to change the color of the text to Hex 05007A 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 #05007A looks like.

```
.text, #text, p{  
    color:#05007A  
}
```

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 #05007A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #05007A
}
```

Border

The CSS property to change the border of an element to Hex 05007A 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".

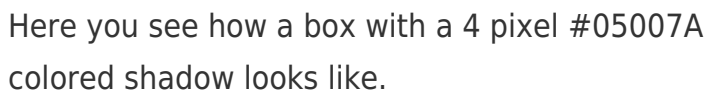
```
.border, #border, table{ border:4px solid
#05007A }
```

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

```
.border{ border-color:#05007A }
```

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

Here you see how a box with a 4 pixel #05007A colored shadow looks like.

A rectangular box with a dark blue border and a dark blue shadow. The box is white with a thin blue border on the top and left sides, and a thicker dark blue border on the bottom and right sides. The shadow is a dark blue rectangle that is slightly offset to the bottom and right of the box.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #05007A; -webkit-box-shadow:4px 4px  
4px 4px #05007A; box-shadow:4px 4px 4px  
4px #05007A }
```

Background

The CSS property to change the background color of an element to Hex 05007A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#05007A }
```

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

```
.background{ background-color:#05007A }
```

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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