

Converting Colors

Hex(17005D)

Have a look what the booklet for
Hex(17005D) contains.

Hex(17005D)	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(17005D)

Conversions

Conversions Part 1

Format	Color
Hex	17005D
RGB	23, 0, 93
RGB Percent	9%, 0%, 36%
CMY	0.9098, 1.0000, 0.6353
CMYK	0.75, 1.00, 0.00, 0.64
HSL	255°, 100%, 18%
HSV	255°, 100%, 36%
XYZ	2.3291, 0.9725, 10.4209
YIQ	17.4790, -16.1450, 33.7990

Conversions

Conversions Part 2

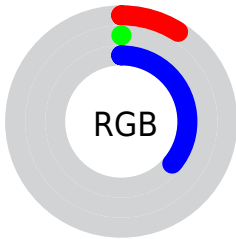
Format	Color
R_{YB}	23, 0, 93
Decimal	1507421
CIE _{Lab}	8.76, 38.51, -48.79
CIE _{LCh}	9, 62.158, 308.278
Yxy	0.9725, 0.1697, 0.0709
Android (android.graphics.Color)	4279697501 (0xFF17005D)
YUV	17.4790, 37.2319, 4.8419
Hunter-Lab	9.8614, 24.9019, -55.7508

Details

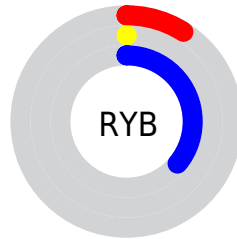
The Hex color **17005D** is a dark color, and the websafe version is hex **000066**. A complement of this color would be **465D00**, and the grayscale version is **111111**.

A 20% lighter version of the original color is **512E91**, and **00032D** is the 20% darker color. If you saturate the color by 10%, you get **17005D**, and if you desaturate by 10%, it is **1E095D**.

Distribution



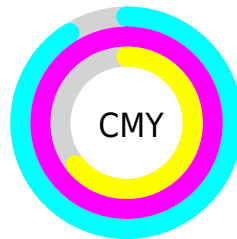
- Red (9%)
- Green (0%)
- Blue (36%)



- Red (9%)
- Yellow (0%)
- Blue (36%)



- Cyan (75%)
- Magenta (100%)
- Yellow (0%)
- Black (64%)



- Cyan (91%)
- Magenta (100%)
- Yellow (64%)

Brightness & Saturation Gradients

These gradients show how the Hex color 17005D 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 17005D by changing the saturation by 10% instead.

 17005D

 17005D

 FFE5FF

 000045

 512E91

 00032D

 6C46AB

 000118

 875FC7

 000000

 A378E4

 BF92FF

 DCADFF

 F9C9FF

 17005D

■ 1E095D

■ 25135D

■ 2C1C5D

■ 33255D

■ 3A2F5D

■ 41385D

■ 48415D

■ 4F4A5D

■ 56545D

Harmonies

Analogous

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



001E70



17005D



4E0039

Triad

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



17005D



370700



002624

Complementary

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



17005D



465D00

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



17005D



161C00

Square

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



17005D



4F0000



002500



00284D

Rectangle

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



17005D



58001E



002500



002516

Sweetspot

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



17005D



5D5478



00475D



2D273D



BDBDBD



3D3D3D

Same Dimension

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



17005D



1E0078



44005D



2A292E



1B006E



3B00ED

Inverse Universe

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



5D0046



78005A



195D00



2E292D



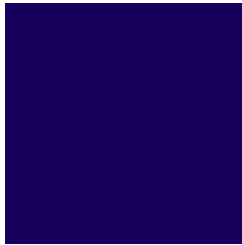
6E0053



ED00B3

Previews

White Background



This preview shows how the Hex color 17005D looks on a white background.

Color Contrast Check

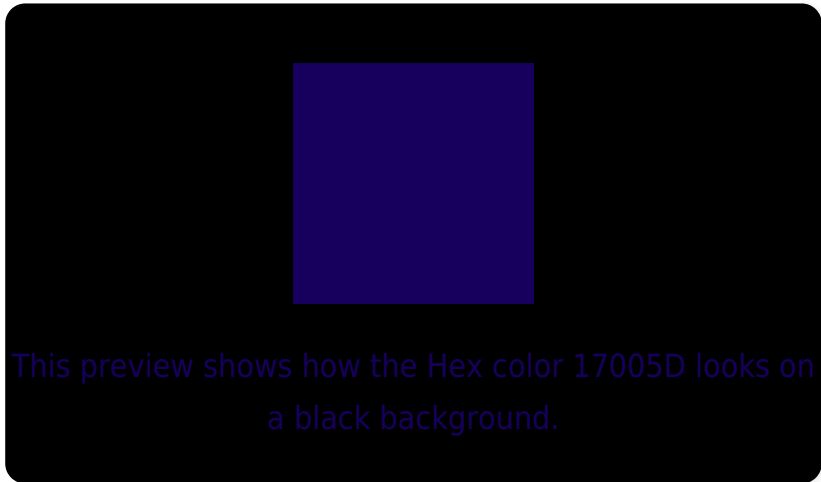
Large Text (above 18pt) WCAG AA ✓ Pass

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

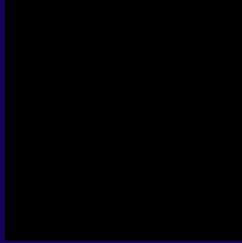
Any Text WCAG AA × Fail

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 17005D Background



This preview shows how black text looks on a background with the Hex color 17005D.



This preview shows how white text looks on a background with the Hex color 17005D.

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
17005D

Protanopia
001D3D

Deuteranopia
001F33

Trichromacy



Original Color
17005D

Protanomaly
081249

Deuteranomaly
081442

Tritanomaly
081538

Monochromacy



Original Color
17005D

Achromatopsia
111111

Achromatomaly
130B2D

CSS Examples

Text

The CSS property to change the color of the text to Hex 17005D 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 #17005D looks like.

```
.text, #text, p{  
    color:#17005D  
}
```

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 #17005D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #17005D
}
```

Border

The CSS property to change the border of an element to Hex 17005D is called "border". The border property can be set on classes, ids or directly on the HTML element.

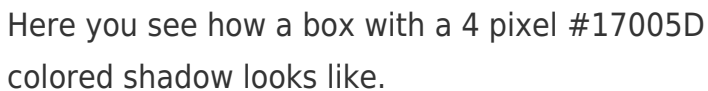
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#17005D }
```

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

```
.border{ border-color:#17005D }
```

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



Here you see how a box with a 4 pixel #17005D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #17005D; -webkit-box-shadow:4px 4px  
4px 4px #17005D; box-shadow:4px 4px 4px  
4px #17005D }
```

Background

The CSS property to change the background color of an element to Hex 17005D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#17005D }
```

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

```
.background{ background-color:#17005D }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor