

Converting Colors

Hex(15005E)

Have a look what the booklet for
Hex(15005E) contains.

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Color

Hex(15005E)

Conversions

Conversions Part 1

Format	Color
Hex	15005E
RGB	21, 0, 94
RGB Percent	8%, 0%, 37%
CMY	0.9176, 1.0000, 0.6314
CMYK	0.78, 1.00, 0.00, 0.63
HSL	253°, 100%, 18%
HSV	253°, 100%, 37%
XYZ	2.3296, 0.9676, 10.6537
YIQ	16.9950, -17.6580, 33.6860

Conversions

Conversions Part 2

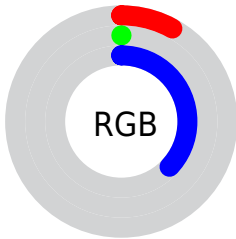
Format	Color
R_{YB}	21, 0, 94
Decimal	1376350
CIE Lab	8.72, 38.70, -49.54
CIE LCh	9, 62.863, 307.992
Yxy	0.9676, 0.1670, 0.0694
Android (android.graphics.Color)	4279566430 (0xFF15005E)
YUV	16.9950, 37.9635, 3.5124
Hunter-Lab	9.8366, 25.0610, -57.3293

Details

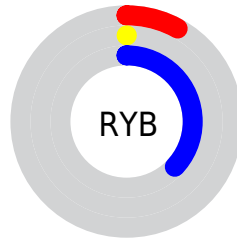
The Hex color **15005E** is a dark color, and the websafe version is hex **000066**. A complement of this color would be **495E00**, and the grayscale version is **111111**.

A 20% lighter version of the original color is **502E92**, and **00042E** is the 20% darker color. If you saturate the color by 10%, you get **15005E**, and if you desaturate by 10%, it is **1C095E**.

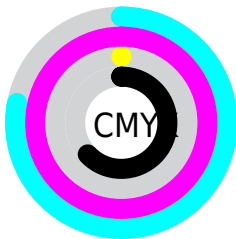
Distribution



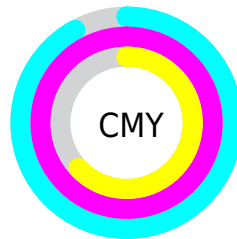
- Red (8%)
- Green (0%)
- Blue (37%)



- Red (8%)
- Yellow (0%)
- Blue (37%)



- Cyan (78%)
- Magenta (100%)
- Yellow (0%)
- Black (63%)



- Cyan (92%)
- Magenta (100%)
- Yellow (63%)

Brightness & Saturation Gradients

These gradients show how the Hex color 15005E 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 15005E by changing the saturation by 10% instead.

 15005E

 15005E

 FFE5FF

 000046

 502E92

 00042E

 6B46AD

 000119

 865FC8

 000000

 A278E5

 BE92FF

 DBADFF

 F8C9FF

 15005E

■ 1C095E

■ 24135E

■ 2B1C5E

■ 32265E

■ 3A2F5E

■ 41385E

■ 48425E

■ 4F4B5E

■ 57555E

Harmonies

Analogous

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



001F71



15005E



4E003A

Triad

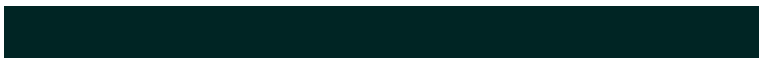
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



15005E



380600



002524

Complementary

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



15005E



495E00

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



15005E



161C00

Square

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



15005E



4F0000



002500



00284E

Rectangle

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



15005E



58001E



002500



002515

Sweetspot

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



15005E



5E567A



004A5E



2C273D



BDBDBD



3D3D3D

Same Dimension

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



15005E



1B007A



43005E



2A292E



18006E



3500ED

Inverse Universe

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



5E0049



7A005F



1B5E00



2E292D



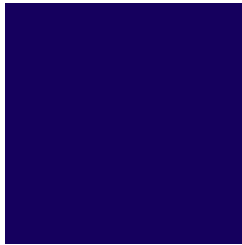
6E0055



ED00B8

Previews

White Background



This preview shows how the Hex color 15005E looks on a white background.

Color Contrast Check

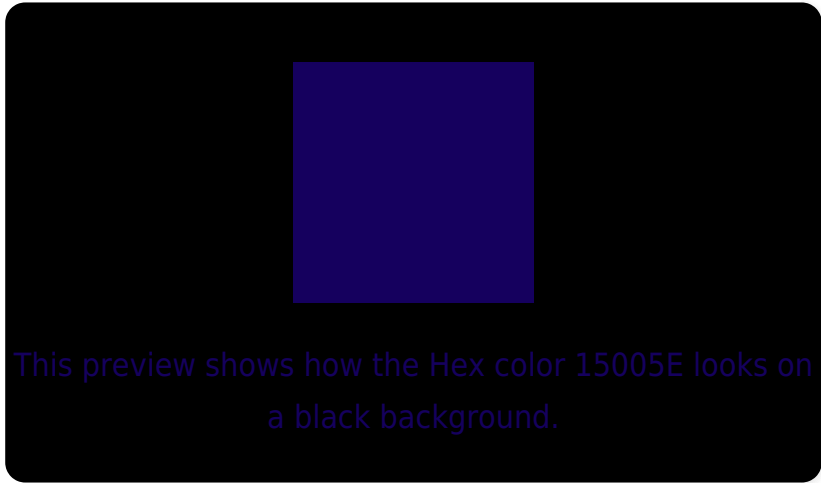
Large Text (above 18pt) WCAG AA ✓ Pass

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

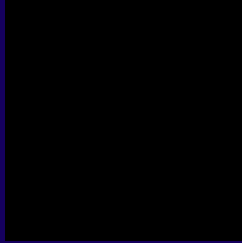
Any Text WCAG AA × Fail

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 15005E Background



This preview shows how black text looks on a background with the Hex color 15005E.



This preview shows how white text looks on a background with the Hex color 15005E.

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
15005E

Protanopia
001D3C

Deuteranopia
001F33

Trichromacy



Original Color
15005E

Protanomaly
081248

Deuteranomaly
081443

Tritanomaly
081538

Monochromacy



Original Color
15005E

Achromatopsia
111111

Achromatomaly
120B2D

CSS Examples

Text

The CSS property to change the color of the text to Hex 15005E 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 #15005E looks like.

```
.text, #text, p{  
    color:#15005E  
}
```

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 #15005E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #15005E
}
```

Border

The CSS property to change the border of an element to Hex 15005E is called "border". The border property can be set on classes, ids or directly on the HTML element.

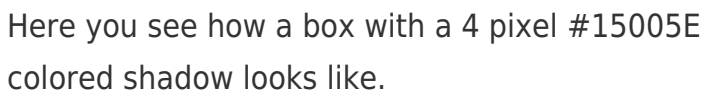
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#15005E }
```

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

```
.border{ border-color:#15005E }
```

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



Here you see how a box with a 4 pixel #15005E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #15005E; -webkit-box-shadow:4px 4px  
4px 4px #15005E; box-shadow:4px 4px 4px  
4px #15005E }
```

Background

The CSS property to change the background color of an element to Hex 15005E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#15005E }
```

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

```
.background{ background-color:#15005E }
```

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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