

Converting Colors

Hex(13005D)

Have a look what the booklet for
Hex(13005D) contains.

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Color

Hex(13005D)

Conversions

Conversions Part 1

Format	Color
Hex	13005D
RGB	19, 0, 93
RGB Percent	7%, 0%, 36%
CMY	0.9255, 1.0000, 0.6353
CMYK	0.80, 1.00, 0.00, 0.64
HSL	252°, 100%, 18%
HSV	252°, 100%, 36%
XYZ	2.2443, 0.9288, 10.4169
YIQ	16.2830, -18.5290, 32.9510

Conversions

Conversions Part 2

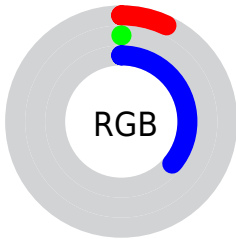
Format	Color
R_{YB}	19, 0, 93
Decimal	1245277
CIE Lab	8.38, 38.35, -49.43
CIE LCh	8, 62.561, 307.801
Yxy	0.9288, 0.1651, 0.0683
Android (android.graphics.Color)	4279435357 (0xFF13005D)
YUV	16.2830, 37.8215, 2.3828
Hunter-Lab	9.6372, 24.7044, -57.3407

Details

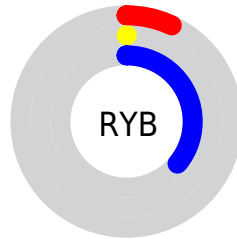
The Hex color **13005D** is a dark color, and the websafe version is hex **000066**. A complement of this color would be **4A5D00**, and the grayscale version is **101010**.

A 20% lighter version of the original color is **4E2E91**, and **00032D** is the 20% darker color. If you saturate the color by 10%, you get **13005D**, and if you desaturate by 10%, it is **1A095D**.

Distribution



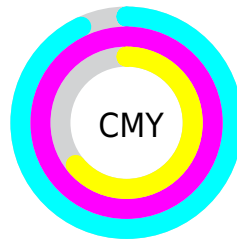
- Red (7%)
- Green (0%)
- Blue (36%)



- Red (7%)
- Yellow (0%)
- Blue (36%)



- Cyan (80%)
- Magenta (100%)
- Yellow (0%)
- Black (64%)



- Cyan (93%)
- Magenta (100%)
- Yellow (64%)

Brightness & Saturation Gradients

These gradients show how the Hex color 13005D 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 13005D by changing the saturation by 10% instead.

 13005D

 13005D

 FFE4FF

 000045

 4E2E91

 00032D

 6946AC

 000118

 855EC7

 000000

 A077E4

 BD91FF

 DAACFF

 F7C8FF

 13005D

■ 1A095D

■ 22135D

■ 291C5D

■ 31255D

■ 382F5D

■ 3F385D

■ 47415D

■ 4E4A5D

■ 56545D

Harmonies

Analogous

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



001E70



13005D



4D0039

Triad

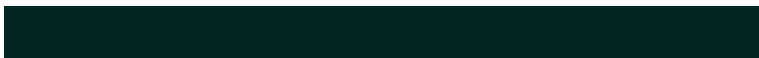
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



13005D



370600



002523

Complementary

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



13005D



4A5D00

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.



002400



13005D



151B00

Square

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



13005D



4E0000



002400



00274C

Rectangle

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



13005D



57001E



002400



002414

Sweetspot

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



13005D



5B5478



004A5D



2C273D



BDBDBD



3D3D3D

Same Dimension

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



13005D



180078



41005D



2A292E



16006E



3000ED

Inverse Universe

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



5D004A



78005F



1C5D00



2E292D



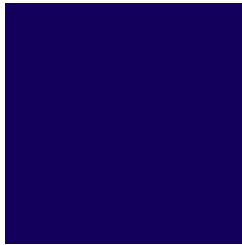
6E0057



ED00BD

Previews

White Background



This preview shows how the Hex color 13005D looks on a white background.

Color Contrast Check

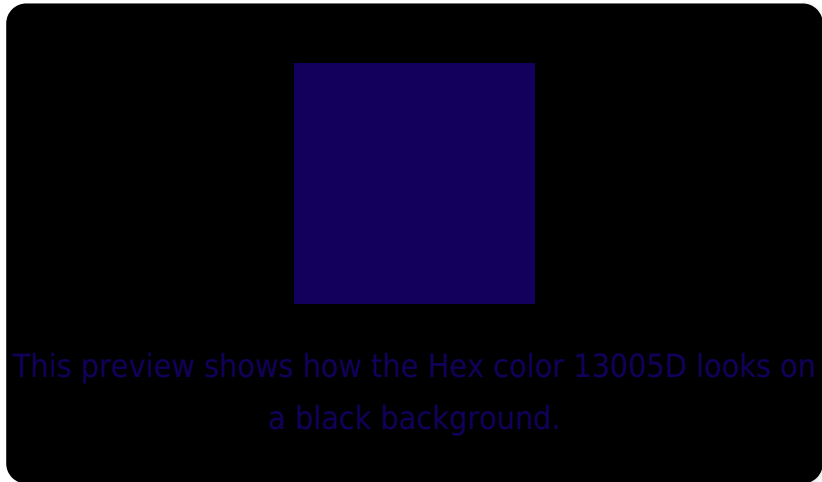
Large Text (above 18pt) WCAG AA ✓ Pass

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

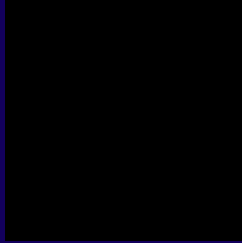
Any Text WCAG AA × Fail

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 13005D Background



This preview shows how black text looks on a background with the Hex color 13005D.



This preview shows how white text looks on a background with the Hex color 13005D.

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
13005D

Protanopia
001C3B

Tritanopia
002122

Trichromacy



Original Color
13005D

Protanomaly
071247

Tritanomaly
071537

Monochromacy



Original Color
13005D

Achromatopsia
101010

Achromatomaly
110A2C

CSS Examples

Text

The CSS property to change the color of the text to Hex 13005D 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 #13005D looks like.

```
.text, #text, p{  
    color:#13005D  
}
```

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 #13005D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #13005D
}
```

Border

The CSS property to change the border of an element to Hex 13005D 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
#13005D }
```

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

```
.border{ border-color:#13005D }
```

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

Here you see how a box with a 4 pixel #13005D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #13005D; -webkit-box-shadow:4px 4px  
4px 4px #13005D; box-shadow:4px 4px 4px  
4px #13005D }
```

Background

The CSS property to change the background color of an element to Hex 13005D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#13005D }
```

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

```
.background{ background-color:#13005D }
```

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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