

Converting Colors

Hex(13195D)

Have a look what the booklet for
Hex(13195D) contains.

Hex(13195D)	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(13195D)

Conversions

Conversions Part 1

Format	Color
Hex	13195D
RGB	19, 25, 93
RGB Percent	7%, 10%, 36%
CMY	0.9255, 0.9020, 0.6353
CMYK	0.80, 0.73, 0.00, 0.64
HSL	235°, 66%, 22%
HSV	235°, 80%, 36%
XYZ	2.5920, 1.6240, 10.5328
YIQ	30.9580, -25.4040, 19.8760

Conversions

Conversions Part 2

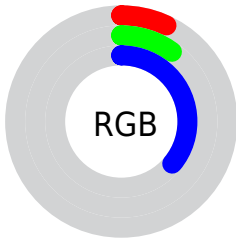
Format	Color
RYB	19, 25, 93
Decimal	1251677
CIELab	13.38, 23.88, -41.16
CIELCh	13, 47.588, 300.119
Yxy	1.6240, 0.1757, 0.1101
Android (android.graphics.Color)	4279441757 (0xFF13195D)
YUV	30.9580, 30.5867, -10.4872
Hunter-Lab	12.7437, 14.0040, -40.0831

Details

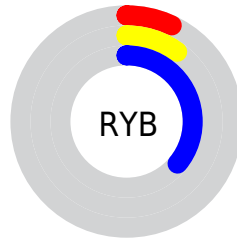
The Hex color **13195D** is a dark color, and the websafe version is hex **333366**. A complement of this color would be **5D5713**, and the grayscale version is **1F1F1F**.

A 20% lighter version of the original color is **4C4490**, and **00042E** is the 20% darker color. If you saturate the color by 10%, you get **0A105D**, and if you desaturate by 10%, it is **1C225D**.

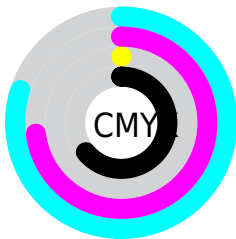
Distribution



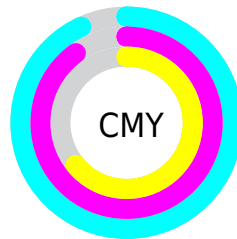
- Red (7%)
- Green (10%)
- Blue (36%)



- Red (7%)
- Yellow (10%)
- Blue (36%)



- Cyan (80%)
- Magenta (73%)
- Yellow (0%)
- Black (64%)



- Cyan (93%)
- Magenta (90%)
- Yellow (64%)

Brightness & Saturation Gradients

These gradients show how the Hex color 13195D 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 13195D by changing the saturation by 10% instead.

■ 13195D

■ 13195D

■ FFFDFF

■ 000145

■ 4C4490

■ 00042E

■ 665CAB

■ 000118

■ 8175C7

■ 000000

■ 9C8EE3

■ B8A9FF

■ D4C4FF

■ F1E0FF

■ 13195D

■ 13195D

■ 0A105D

■ 1C225D

■ 00085D

■ 262A5D

■ 2F335D

■ 383B5D

■ 42445D

■ 4B4C5D

■ 54555D

■ 5D5D5D

■ 67665D

Harmonies

Analogous

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



002866



13195D



470044

Triad

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



13195D



451100



002F22

Complementary

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



13195D



5D5713

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.



002D00



13195D



2C2100

Square

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



13195D



550000



062900



002F43

Rectangle

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



13195D



55002F



062900



002F16

Sweetspot

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



13195D



5B5D78



135D57



2B2D3D



BDBDBD



3D3D3D

Same Dimension

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



13195D



060F78



32135D



292A2E



00096E



0013ED

Inverse Universe

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



5D1319



78060F



3E5D13



2E292A



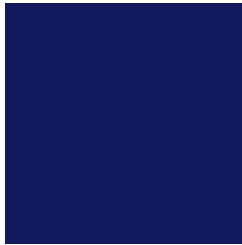
6E0009



ED0013

Previews

White Background



This preview shows how the Hex color 13195D looks on a white background.

Color Contrast Check

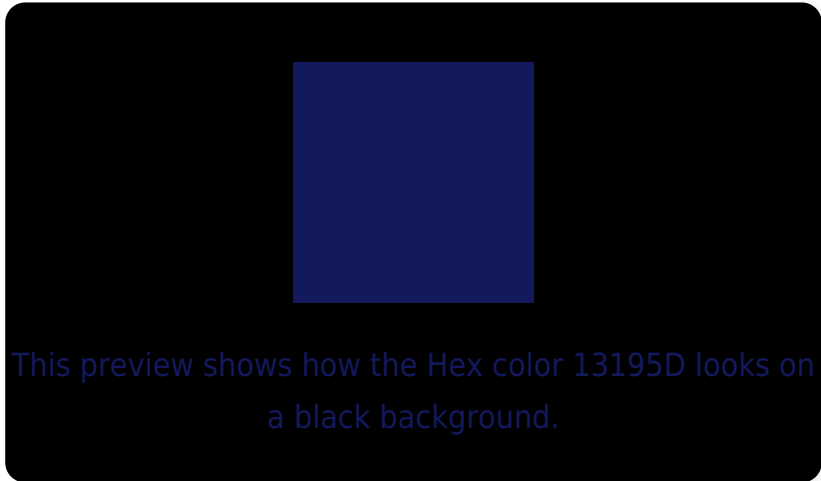
Large Text (above 18pt) WCAG AA ✓ Pass

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

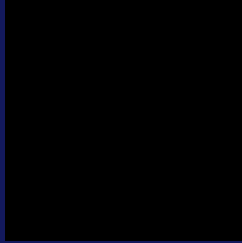
Any Text WCAG AA × Fail

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 13195D Background



This preview shows how black text looks on a background with the Hex color 13195D.



This preview shows how white text looks on a background with the Hex color 13195D.

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
13195D

Protanopia
002248

Deuteranopia
00243D

Trichromacy



Original Color
13195D

Protanomaly
071F50

Deuteranomaly
072049

Tritanomaly
07223C

Monochromacy



Original Color
13195D

Achromatopsia
1F1F1F

Achromatomaly
1B1D36

CSS Examples

Text

The CSS property to change the color of the text to Hex 13195D 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 #13195D looks like.

```
.text, #text, p{  
    color:#13195D  
}
```

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 #13195D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #13195D
}
```

Border

The CSS property to change the border of an element to Hex 13195D 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
#13195D }
```

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

```
.border{ border-color:#13195D }
```

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

Here you see how a box with a 4 pixel #13195D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #13195D; -webkit-box-shadow:4px 4px  
4px 4px #13195D; box-shadow:4px 4px 4px  
4px #13195D }
```

Background

The CSS property to change the background color of an element to Hex 13195D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#13195D }
```

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

```
.background{ background-color:#13195D }
```

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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