

Converting Colors

Hex(00195E)

Have a look what the booklet for
Hex(00195E) contains.

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Color

Hex(00195E)

Conversions

Conversions Part 1

| Format | Color |
|-------------|----------------------------|
| Hex | 00195E |
| RGB | 0, 25, 94 |
| RGB Percent | 0%, 10%, 37% |
| CMY | 1.0000, 0.9020, 0.6314 |
| CMYK | 1.00, 0.73, 0.00, 0.63 |
| HSL | 224°, 100%, 18% |
| HSV | 224°, 100%, 37% |
| XYZ | 2.3680, 1.5034, 10.7551 |
| YIQ | 25.3910, -37.0490, 16.1590 |

Conversions

Conversions Part 2

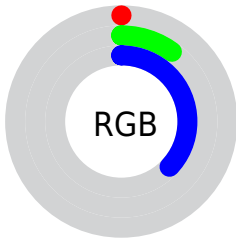
| Format | Color |
|-------------------------------------|------------------------------------------------|
| RYB | 0, 20, 94 |
| Decimal | 6494 |
| CIELab | 12.63, 22.63, -43.09 |
| CIElCh | 13, 48.671, 297.707 |
| Yxy | 1.5034, 0.1619, 0.1028 |
| Android (android.graphics.Color) | 4278196574 (0xFF00195E) |
| YUV | 25.3910, 33.8242, -22.2679 |
| Hunter-Lab | 12.2614, 13.0159, -43.4232 |

Details

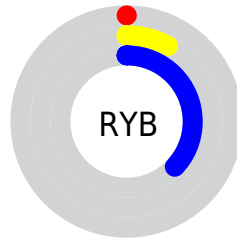
The Hex color **00195E** is a dark color, and the websafe version is hex **000033**. A complement of this color would be **5E4500**, and the grayscale version is **191919**.

A 20% lighter version of the original color is **434491**, and **00042F** is the 20% darker color. If you saturate the color by 10%, you get **00195E**, and if you desaturate by 10%, it is **09205E**.

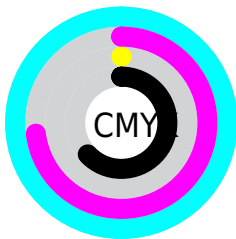
Distribution



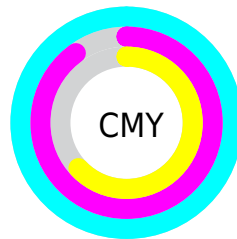
- Red (0%)
- Green (10%)
- Blue (37%)



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



- Cyan (100%)
- Magenta (73%)
- Yellow (0%)
- Black (63%)



- Cyan (100%)
- Magenta (90%)
- Yellow (63%)

Brightness & Saturation Gradients

These gradients show how the Hex color 00195E 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 00195E by changing the saturation by 10% instead.

00195E

00195E

FFFCFF

000046

434491

00042F

5E5BAC

000119

7974C8

000000

958DE4

B0A8FF

CDC3FF

EADFFF

00195E

■ 09205E

■ 13275E

■ 1C2E5E

■ 26355E

■ 2F3B5E

■ 38425E

■ 42495E

■ 4B505E

■ 55575E

Harmonies

Analogous

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



002766



00195E



440046

Triad

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



00195E



450C00



002E1D

Complementary

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



00195E



5E4500

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.



002C00



00195E



2C1F00

Square

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



00195E



550000



072700



002E40

Rectangle

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



00195E



530030



072700



002E11

Sweetspot

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



00195E



565F7A



005E45



272D3D



BDBDBD



3D3D3D

Same Dimension

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



00195E



00217A



16005E



292B2E



001D6E



003FED

Inverse Universe

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



5E0019



7A0021



485E00



2E292B



6E001D



ED003F

Previews

White Background



This preview shows how the Hex color 00195E looks on a white background.

Color Contrast Check

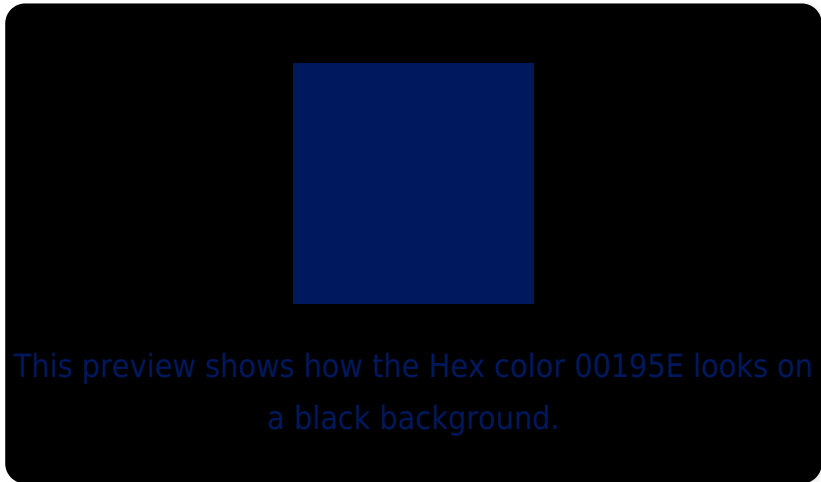
Large Text (above 18pt) WCAG AA ✓ Pass

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

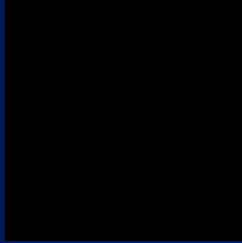
Any Text WCAG AA × Fail

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 00195E Background



This preview shows how black text looks on a background with the Hex color 00195E.



This preview shows how white text looks on a background with the Hex color 00195E.

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
00195E

Protanopia
002146

Deuteranopia
00243C

Trichromacy



Original Color
00195E

Protanomaly
001E4F

Deuteranomaly
002048

Tritanomaly
00213C

Monochromacy



Original Color
00195E

Achromatopsia
191919

Achromatomaly
101932

CSS Examples

Text

The CSS property to change the color of the text to Hex 00195E 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 #00195E looks like.

```
.text, #text, p{  
    color:#00195E  
}
```

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 #00195E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #00195E
}
```

Border

The CSS property to change the border of an element to Hex 00195E 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
#00195E }
```

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

```
.border{ border-color:#00195E }
```

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

Here you see how a box with a 4 pixel #00195E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #00195E; -webkit-box-shadow:4px 4px  
4px 4px #00195E; box-shadow:4px 4px 4px  
4px #00195E }
```

Background

The CSS property to change the background color of an element to Hex 00195E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#00195E }
```

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

```
.background{ background-color:#00195E }
```

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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