

Converting Colors

Hex(30003E)

Have a look what the booklet for
Hex(30003E) contains.

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Color

Hex(30003E)

Conversions

Conversions Part 1

Format	Color
Hex	30003E
RGB	48, 0, 62
RGB Percent	19%, 0%, 24%
CMY	0.8118, 1.0000, 0.7569
CMYK	0.23, 1.00, 0.00, 0.76
HSL	286°, 100%, 12%
HSV	286°, 100%, 24%
XYZ	2.0884, 0.9762, 4.6358
YIQ	21.4200, 8.7060, 29.4580

Conversions

Conversions Part 2

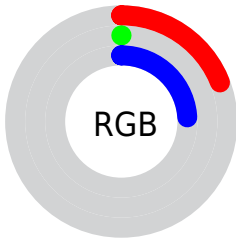
Format	Color
R_{YB}	48, 0, 62
Decimal	3145790
CIE _{Lab}	8.79, 33.18, -27.09
CIE _{LCh}	9, 42.839, 320.770
Yxy	0.9762, 0.2712, 0.1268
Android (android.graphics.Color)	4281335870 (0xFF30003E)
YUV	21.4200, 20.0059, 23.3107
Hunter-Lab	9.8802, 20.4402, -20.9027

Details

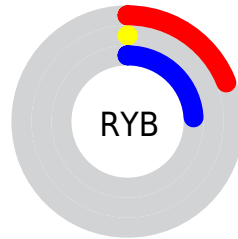
The Hex color **30003E** is a dark color, and the websafe version is hex **330033**. A complement of this color would be **0E3E00**, and the grayscale version is **151515**.

A 20% lighter version of the original color is **61306E**, and **000111** is the 20% darker color. If you saturate the color by 10%, you get **30003E**, and if you desaturate by 10%, it is **31063E**.

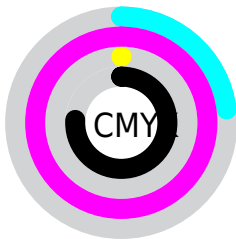
Distribution



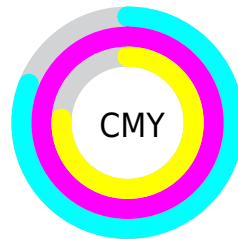
- Red (19%)
- Green (0%)
- Blue (24%)



- Red (19%)
- Yellow (0%)
- Blue (24%)



- Cyan (23%)
- Magenta (100%)
- Yellow (0%)
- Black (76%)



- Cyan (81%)
- Magenta (100%)
- Yellow (76%)

Brightness & Saturation Gradients

These gradients show how the Hex color 30003E 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 30003E by changing the saturation by 10% instead.


 30003E

 30003E

 FFE7FF

 1D0028

 61306E

 000111

 7B4788

 000000

 9560A2

 B17ABD

 CD94D9

 E9AFF6

 FFCAFF

 30003E

■ 31063E

■ 330C3E

■ 34133E

■ 36193E

■ 371F3E

■ 38253E

■ 3A2B3E

■ 3B323E

■ 3D383E

Harmonies

Analogous

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



001650



30003E



440023

Triad

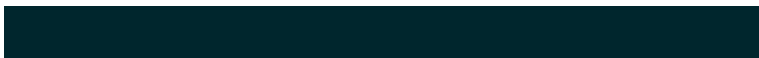
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



30003E



281500



00262D

Complementary

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



30003E



0E3E00

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.



00250D



30003E



0A1E00

Square

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



30003E



3B0200



002300



002546

Rectangle

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



30003E



48000F



002300



002623

Sweetspot

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



30003E



4C3952



000E3E



251A29



A8A8A8



292929

Same Dimension

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



30003E



3F0052



3E002D



1E1C1F



49005E



AC00DE

Inverse Universe

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



3E000E



520012



003E11



1F1C1C



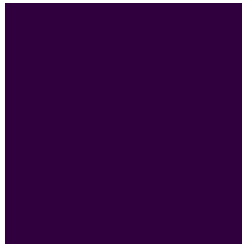
5E0015



DE0032

Previews

White Background



This preview shows how the Hex color 30003E looks on a white background.

Color Contrast Check

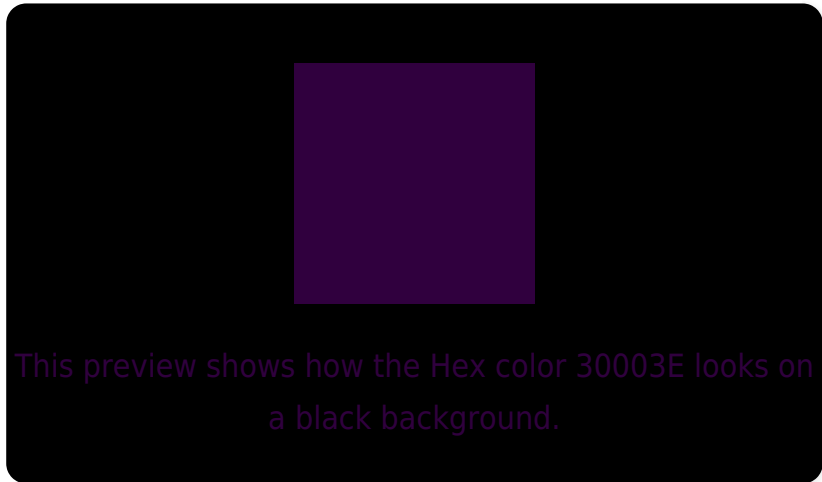
Large Text (above 18pt) WCAG AA ✓ Pass

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

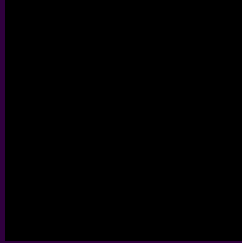
Any Text WCAG AA × Fail

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 30003E Background



This preview shows how black text looks on a background with the Hex color 30003E.



This preview shows how white text looks on a background with the Hex color 30003E.

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
30003E

Protanopia
001D3D

Deuteranopia
001E35



Tritanopia
2B181A

Trichromacy



Original Color

30003E

Protanomaly

11123D

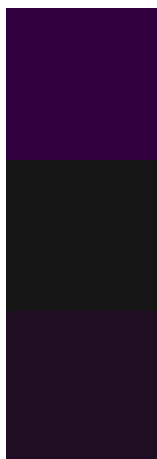
Deuteranomaly

111338

Tritanomaly

2D0F27

Monochromacy



Original Color

30003E

Achromatopsia

151515

Achromatomaly

1F0D24

CSS Examples

Text

The CSS property to change the color of the text to Hex 30003E 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 #30003E looks like.

```
.text, #text, p{  
    color:#30003E  
}
```

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 #30003E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #30003E
}
```

Border

The CSS property to change the border of an element to Hex 30003E is called "border". The border property can be set on classes, ids or directly on the HTML element.

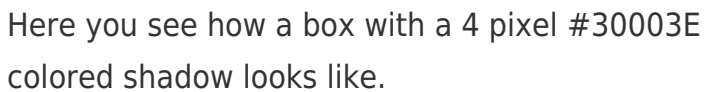
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#30003E }
```

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

```
.border{ border-color:#30003E }
```

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



Here you see how a box with a 4 pixel #30003E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #30003E; -webkit-box-shadow:4px 4px  
4px 4px #30003E; box-shadow:4px 4px 4px  
4px #30003E }
```

Background

The CSS property to change the background color of an element to Hex 30003E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#30003E }
```

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

```
.background{ background-color:#30003E }
```

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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