

Converting Colors

Hex(2E005C)

Have a look what the booklet for
Hex(2E005C) contains.

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Color

Hex(2E005C)

Conversions

Conversions Part 1

Format	Color
Hex	2E005C
RGB	46, 0, 92
RGB Percent	18%, 0%, 36%
CMY	0.8196, 1.0000, 0.6392
CMYK	0.50, 1.00, 0.00, 0.64
HSL	270°, 100%, 18%
HSV	270°, 100%, 36%
XYZ	3.0585, 1.3535, 10.2253
YIQ	24.2420, -2.1160, 38.3640

Conversions

Conversions Part 2

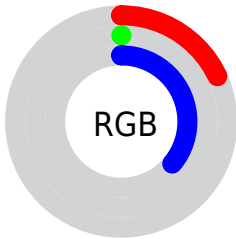
Format	Color
R_{YB}	46, 0, 92
Decimal	3014748
CIE _{Lab}	11.64, 39.88, -43.24
CIE _{LCh}	12, 58.823, 312.679
Yxy	1.3535, 0.2090, 0.0925
Android (android.graphics.Color)	4281204828 (0xFF2E005C)
YUV	24.2420, 33.4047, 19.0818
Hunter-Lab	11.6342, 26.5654, -43.9659

Details

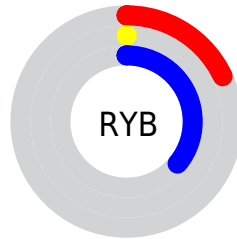
The Hex color **2E005C** is a dark color, and the websafe version is hex **330066**. A complement of this color would be **2E5C00**, and the grayscale version is **181818**.

A 20% lighter version of the original color is **62328F**, and **00002D** is the 20% darker color. If you saturate the color by 10%, you get **2E005C**, and if you desaturate by 10%, it is **33095C**.

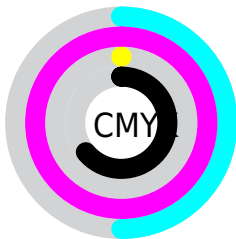
Distribution



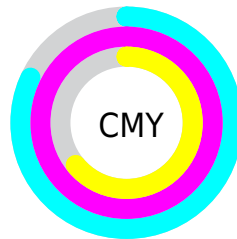
- Red (18%)
- Green (0%)
- Blue (36%)



- Red (18%)
- Yellow (0%)
- Blue (36%)



- Cyan (50%)
- Magenta (100%)
- Yellow (0%)
- Black (64%)



- Cyan (82%)
- Magenta (100%)
- Yellow (64%)

Brightness & Saturation Gradients

These gradients show how the Hex color 2E005C 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 2E005C by changing the saturation by 10% instead.

 2E005C

 2E005C

 FFECFF

 170044

 62328F

 00002D

 7D4BAA

 000117

 9864C6

 000000

 B47DE2

 D098FF

 EDB3FF

 FFCFFF

 2E005C

■ 33095C

■ 37125C

■ 3C1C5C

■ 40255C

■ 452E5C

■ 4A375C

■ 4E405C

■ 534A5C

■ 57535C

Harmonies

Analogous

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



002171



2E005C



560038

Triad

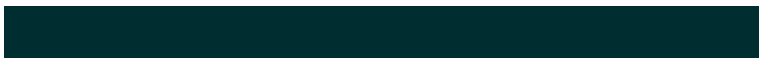
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



2E005C



3A1300



002D30

Complementary

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



2E005C



2E5C00

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



2E005C



172300

Square

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



2E005C



520000



002A00



002E56

Rectangle

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



2E005C



5E001E



002A00



002D22

Sweetspot

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



2E005C



665478



002E5C



32273D



BDBDBD



3D3D3D

Same Dimension

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



2E005C



3C0078



5C005C



2C292E



37006E



7700ED

Inverse Universe

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



5C002E



78003C



005C00



2E292C



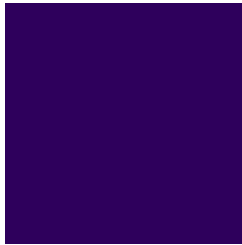
6E0037



ED0077

Previews

White Background



This preview shows how the Hex color 2E005C looks on a white background.

Color Contrast Check

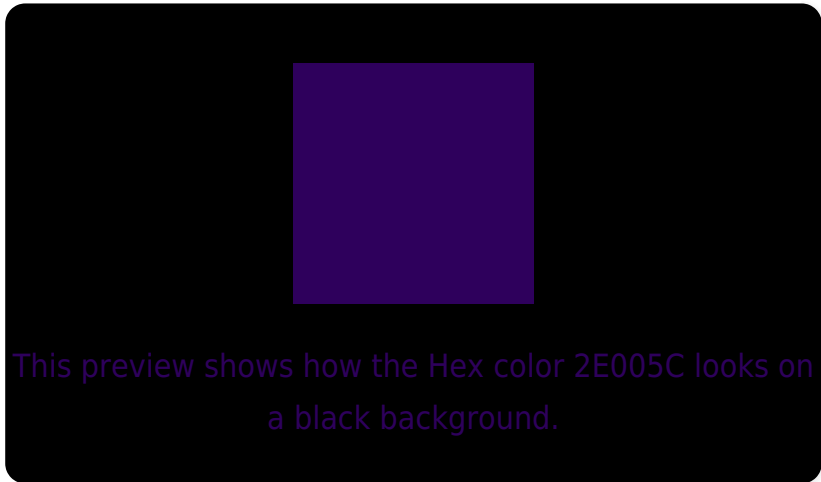
Large Text (above 18pt) WCAG AA ✓ Pass

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

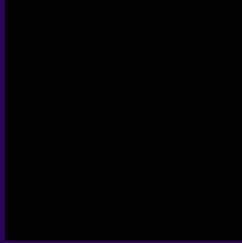
Any Text WCAG AA × Fail

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 2E005C Background



This preview shows how black text looks on a background with the Hex color 2E005C.



This preview shows how white text looks on a background with the Hex color 2E005C.

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
2E005C

Protanopia
002247

Deuteranopia
00243D



Tritanopia
1F2427

Trichromacy



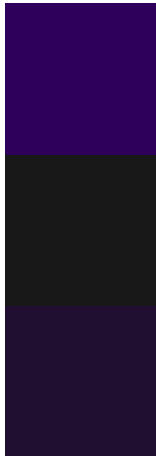
Original Color
2E005C

Protanomaly
11164F

Deuteranomaly
111748

Tritanomaly
24173A

Monochromacy



Original Color
2E005C

Achromatopsia
181818

Achromatomaly
200F31

CSS Examples

Text

The CSS property to change the color of the text to Hex 2E005C 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 #2E005C looks like.

```
.text, #text, p{  
    color:#2E005C  
}
```

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 #2E005C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2E005C
}
```

Border

The CSS property to change the border of an element to Hex 2E005C is called "border". The border property can be set on classes, ids or directly on the HTML element.

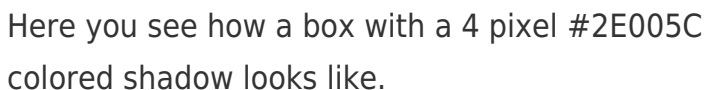
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#2E005C }
```

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

```
.border{ border-color:#2E005C }
```

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



Here you see how a box with a 4 pixel #2E005C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2E005C; -webkit-box-shadow:4px 4px  
4px 4px #2E005C; box-shadow:4px 4px 4px  
4px #2E005C }
```

Background

The CSS property to change the background color of an element to Hex 2E005C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2E005C }
```

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

```
.background{ background-color:#2E005C }
```

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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