

Converting Colors

Hex(2E0075)

Have a look what the booklet for
Hex(2E0075) contains.

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Color

Hex(2E0075)

Conversions

Conversions Part 1

Format	Color
Hex	2E0075
RGB	46, 0, 117
RGB Percent	18%, 0%, 46%
CMY	0.8196, 1.0000, 0.5412
CMYK	0.61, 1.00, 0.00, 0.54
HSL	264°, 100%, 23%
HSV	264°, 100%, 46%
XYZ	4.3376, 1.8652, 16.9610
YIQ	27.0920, -10.1410, 46.1390

Conversions

Conversions Part 2

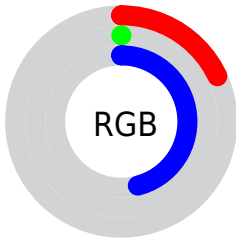
Format	Color
R_{YB}	46, 0, 117
Decimal	3014773
CIE _{Lab}	14.76, 46.08, -54.57
CIE _{LCh}	15, 71.424, 310.177
Yxy	1.8652, 0.1873, 0.0805
Android (android.graphics.Color)	4281204853 (0xFF2E0075)
YUV	27.0920, 44.3246, 16.5823
Hunter-Lab	13.6572, 32.7923, -64.0727

Details

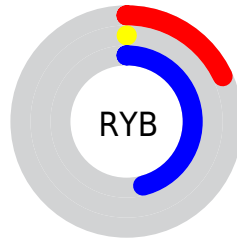
The Hex color **2E0075** is a dark color, and the websafe version is hex **000066**. A complement of this color would be **477500**, and the grayscale version is **1B1B1B**.

A 20% lighter version of the original color is **6736AA**, and **000043** is the 20% darker color. If you saturate the color by 10%, you get **2E0075**, and if you desaturate by 10%, it is **350C75**.

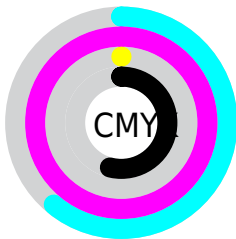
Distribution



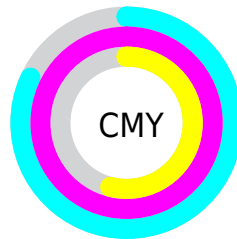
- Red (18%)
- Green (0%)
- Blue (46%)



- Red (18%)
- Yellow (0%)
- Blue (46%)



- Cyan (61%)
- Magenta (100%)
- Yellow (0%)
- Black (54%)



- Cyan (82%)
- Magenta (100%)
- Yellow (54%)

Brightness & Saturation Gradients

These gradients show how the Hex color 2E0075 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 2E0075 by changing the saturation by 10% instead.

 2E0075

 2E0075

 FFF1FF

 0B005C

 6736AA

 000043

 824FC6

 00032C

 9E68E2

 000116

 BB82FF

 000000

 D89DFF

 F5B8FF

 FFD4FF

 2E0075

■ 350C75

■ 3C1775

■ 432375

■ 4A2F75

■ 523B75

■ 594675

■ 605275

■ 675E75

■ 6E6975

Harmonies

Analogous

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



002A8D



2E0075



670049

Triad

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



2E0075



491300



003636

Complementary

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



2E0075



477500

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.



003500



2E0075



1F2900

Square

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



2E0075



660000



003100



003767

Rectangle

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



2E0075



730028



003100



003524

Sweetspot

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



2E0075



7D6B99



004875



3C314D



CCCCCC



4D4D4D

Same Dimension

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



2E0075



3C0099



670075



37353B



30007A



6200FA

Inverse Universe

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



750047



99005D



0E7500



3B3538



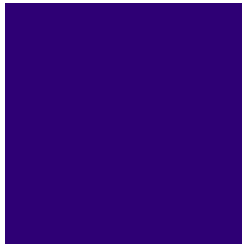
7A004A



FA0098

Previews

White Background



This preview shows how the Hex color 2E0075 looks on a white background.

Color Contrast Check

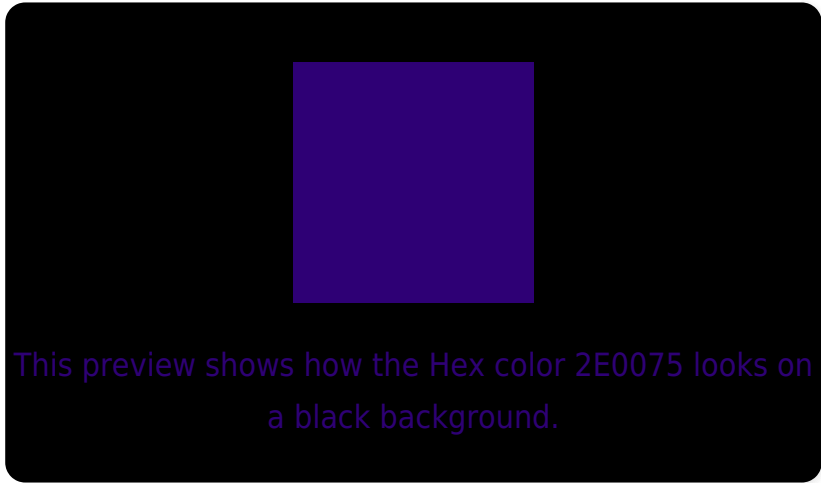
Large Text (above 18pt) WCAG AA ✓ Pass

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

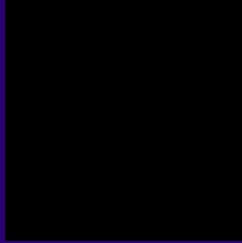
Any Text WCAG AA × Fail

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 2E0075 Background



This preview shows how black text looks on a background with the Hex color 2E0075.



This preview shows how white text looks on a background with the Hex color 2E0075.

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
2E0075

Protanopia
002853

Deuteranopia
002A47



Tritanopia
0A2D31

Trichromacy



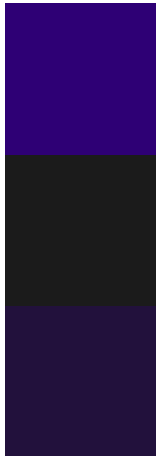
Original Color
2E0075

Protanomaly
11195F

Deuteranomaly
111B58

Tritanomaly
171D4A

Monochromacy



Original Color
2E0075

Achromatopsia
1B1B1B

Achromatomaly
22113C

CSS Examples

Text

The CSS property to change the color of the text to Hex 2E0075 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 #2E0075 looks like.

```
.text, #text, p{  
    color:#2E0075  
}
```

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 #2E0075 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2E0075
}
```

Border

The CSS property to change the border of an element to Hex 2E0075 is called "border". The border property can be set on classes, ids or directly on the HTML element.

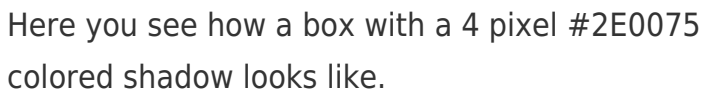
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#2E0075 }
```

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

```
.border{ border-color:#2E0075 }
```

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



Here you see how a box with a 4 pixel #2E0075 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2E0075; -webkit-box-shadow:4px 4px  
4px 4px #2E0075; box-shadow:4px 4px 4px  
4px #2E0075 }
```

Background

The CSS property to change the background color of an element to Hex 2E0075 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2E0075 }
```

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

```
.background{ background-color:#2E0075 }
```

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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