

Converting Colors

Hex(2E044F)

Have a look what the booklet for
Hex(2E044F) contains.

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Color

Hex(2E044F)

Conversions

Conversions Part 1

Format	Color
Hex	2E044F
RGB	46, 4, 79
RGB Percent	18%, 2%, 31%
CMY	0.8196, 0.9843, 0.6902
CMYK	0.42, 0.95, 0.00, 0.69
HSL	274°, 90%, 16%
HSV	274°, 95%, 31%
XYZ	2.5814, 1.2322, 7.4989
YIQ	25.1080, 0.9570, 32.2290

Conversions

Conversions Part 2

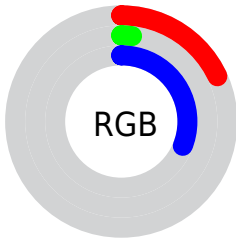
Format	Color
R_{YB}	46, 4, 79
Decimal	3015759
CIE _{Lab}	10.79, 34.81, -35.79
CIE _{LCh}	11, 49.923, 314.207
Yxy	1.2322, 0.2282, 0.1089
Android (android.graphics.Color)	4281205839 (0xFF2E044F)
YUV	25.1080, 26.5688, 18.3223
Hunter-Lab	11.1004, 22.0847, -32.2833

Details

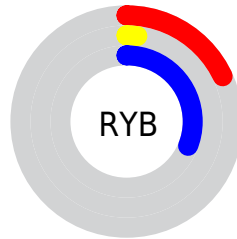
The Hex color **2E044F** is a dark color, and the websafe version is hex **330066**. A complement of this color would be **254F04**, and the grayscale version is **191919**.

A 20% lighter version of the original color is **603481**, and **000221** is the 20% darker color. If you saturate the color by 10%, you get **2C004F**, and if you desaturate by 10%, it is **310C4F**.

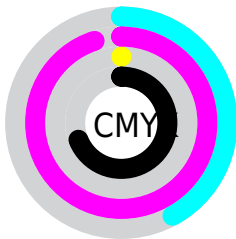
Distribution



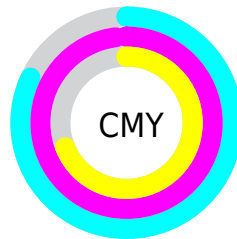
- Red (18%)
- Green (2%)
- Blue (31%)



- Red (18%)
- Yellow (2%)
- Blue (31%)



- Cyan (42%)
- Magenta (95%)
- Yellow (0%)
- Black (69%)



- Cyan (82%)
- Magenta (98%)
- Yellow (69%)

Brightness & Saturation Gradients

These gradients show how the Hex color 2E044F 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 2E044F by changing the saturation by 10% instead.


 2E044F

 2E044F


 FFECFF

 1A0038

 603481

 000221

 7A4C9B

 000007

 9565B6

 000000

 B17FD2

 CD99EF

 E9B4FF

 FFD0FF

 2E044F

 2E044F

■ 2C004F

■ 310C4F

■ 35144F

■ 381C4F

■ 3C244F

■ 3F2C4F

■ 43334F

■ 463B4F

■ 4A434F

■ 4D4B4F

Harmonies

Analogous

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



001D61



2E044F



4D0030

Triad

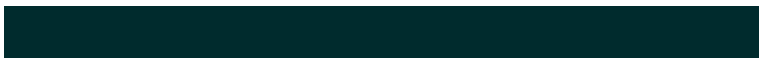
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



2E044F



341500



002B2D

Complementary

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



2E044F



254F04

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.



002A04



2E044F



162100

Square

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



2E044F



490000



002700



002A4D

Rectangle

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



2E044F



53001A



002700



002B21

Sweetspot

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



2E044F



594966



04264F



2B2233



B3B3B3



333333

Same Dimension

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



2E044F



390066



4F044B



252226



8100E6

Inverse Universe

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



4F0425



66002D



044F08



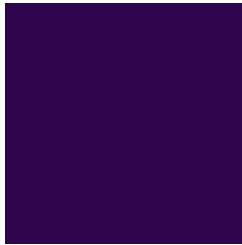
262224



E60065

Previews

White Background



This preview shows how the Hex color 2E044F looks on a white background.

Color Contrast Check

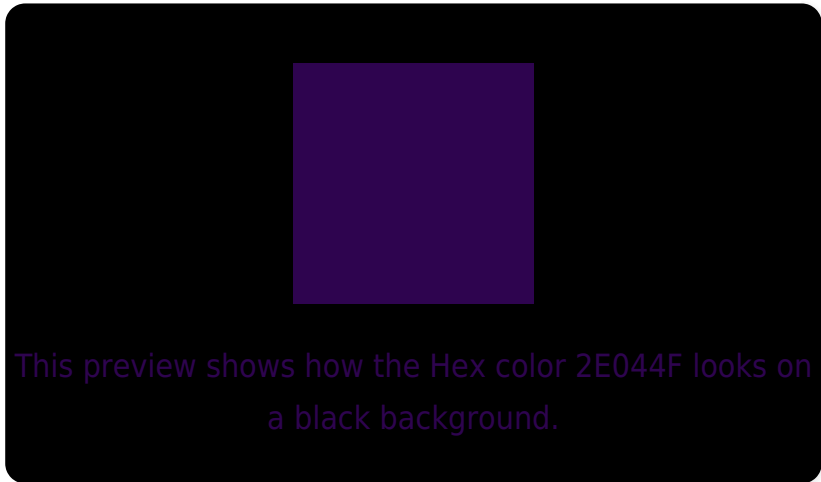
Large Text (above 18pt) WCAG AA ✓ Pass

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

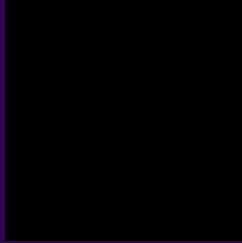
Any Text WCAG AA × Fail

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 2E044F Background



This preview shows how black text looks on a background with the Hex color 2E044F.



This preview shows how white text looks on a background with the Hex color 2E044F.

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
2E044F

Protanopia
001F42

Deuteranopia
002139



Tritanopia
241F21

Trichromacy



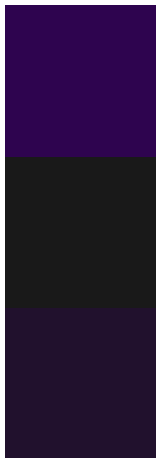
Original Color
2E044F

Protanomaly
111547

Deuteranomaly
111641

Tritanomaly
281532

Monochromacy



Original Color
2E044F

Achromatopsia
191919

Achromatomaly
21112D

CSS Examples

Text

The CSS property to change the color of the text to Hex 2E044F 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 #2E044F looks like.

```
.text, #text, p{  
    color:#2E044F  
}
```

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 #2E044F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2E044F
}
```

Border

The CSS property to change the border of an element to Hex 2E044F is called "border". The border property can be set on classes, ids or directly on the HTML element.

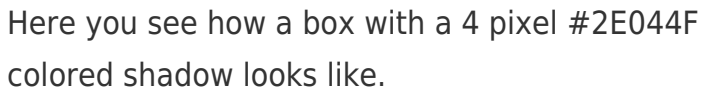
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#2E044F }
```

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

```
.border{ border-color:#2E044F }
```

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



Here you see how a box with a 4 pixel #2E044F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2E044F; -webkit-box-shadow:4px 4px  
4px 4px #2E044F; box-shadow:4px 4px 4px  
4px #2E044F }
```

Background

The CSS property to change the background color of an element to Hex 2E044F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2E044F }
```

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

```
.background{ background-color:#2E044F }
```

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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