

Converting Colors

Hex(2E0044)

Have a look what the booklet for
Hex(2E0044) contains.

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Color

Hex(2E0044)

Conversions

Conversions Part 1

Format	Color
Hex	2E0044
RGB	46, 0, 68
RGB Percent	18%, 0%, 27%
CMY	0.8196, 1.0000, 0.7333
CMYK	0.32, 1.00, 0.00, 0.73
HSL	281°, 100%, 13%
HSV	281°, 100%, 27%
XYZ	2.1701, 0.9982, 5.5471
YIQ	21.5060, 5.5880, 30.9000

Conversions

Conversions Part 2

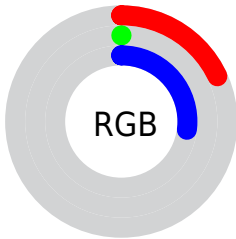
Format	Color
R_{YB}	46, 0, 68
Decimal	3014724
CIE _{Lab}	8.98, 34.19, -31.08
CIE _{LCh}	9, 46.204, 317.728
Yxy	0.9982, 0.2490, 0.1145
Android (android.graphics.Color)	4281204804 (0xFF2E0044)
YUV	21.5060, 22.9215, 21.4812
Hunter-Lab	9.9910, 21.2871, -25.9250

Details

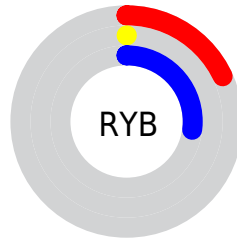
The Hex color **2E0044** is a dark color, and the websafe version is hex **330033**. A complement of this color would be **164400**, and the grayscale version is **151515**.

A 20% lighter version of the original color is **5F3075**, and **000118** is the 20% darker color. If you saturate the color by 10%, you get **2E0044**, and if you desaturate by 10%, it is **300744**.

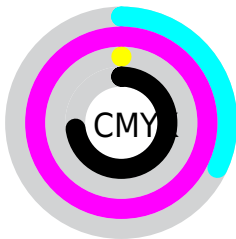
Distribution



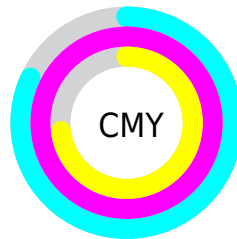
- Red (18%)
- Green (0%)
- Blue (27%)



- Red (18%)
- Yellow (0%)
- Blue (27%)



- Cyan (32%)
- Magenta (100%)
- Yellow (0%)
- Black (73%)



- Cyan (82%)
- Magenta (100%)
- Yellow (73%)

Brightness & Saturation Gradients

These gradients show how the Hex color 2E0044 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 2E0044 by changing the saturation by 10% instead.

 2E0044

 2E0044

 FFE7FF

 1B002E

 5F3075

 000118

 79488F

 000000

 9460A9

 AF7AC5

 CB94E1

 E8AFFE

 FFCBFF

 2E0044

■ 300744

■ 320E44

■ 351444

■ 371B44

■ 392244

■ 3B2944

■ 3D3044

■ 403644

■ 423D44

Harmonies

Analogous

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



001856



2E0044



470028

Triad

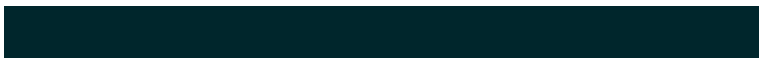
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



2E0044



2B1400



00262C

Complementary

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



2E0044



164400

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.



002507



2E0044



0D1E00

Square

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



2E0044



3F0000



002400



002648

Rectangle

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



2E0044



4B0013



002400



002621

Sweetspot

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



2E0044



513E59



001744



291D2E



ADADAD



2E2E2E

Same Dimension

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



2E0044



3C0059



440039



201E21



420061



9800E0

Inverse Universe

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



440016



59001D



00440B



211E1F



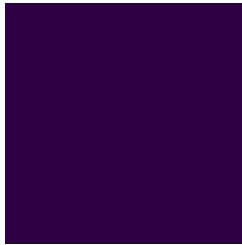
61001F



E00049

Previews

White Background



This preview shows how the Hex color 2E0044 looks on a white background.

Color Contrast Check

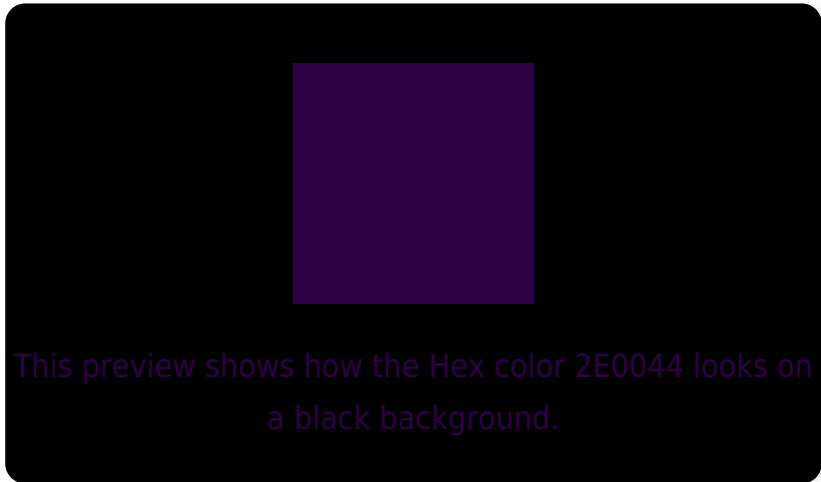
Large Text (above 18pt) WCAG AA ✓ Pass

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

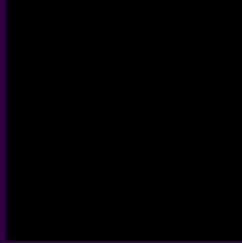
Any Text WCAG AA × Fail

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 2E0044 Background



This preview shows how black text looks on a background with the Hex color 2E0044.



This preview shows how white text looks on a background with the Hex color 2E0044.

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
2E0044

Protanopia
001D3D

Deuteranopia
001F35



Tritanopia
271B1D

Trichromacy



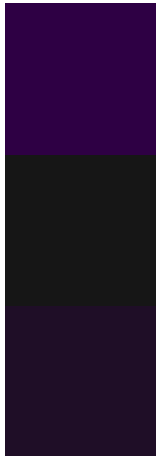
Original Color
2E0044

Protanomaly
111240

Deuteranomaly
11143A

Tritanomaly
2A112B

Monochromacy



Original Color
2E0044

Achromatopsia
161616

Achromatomaly
1F0E27

CSS Examples

Text

The CSS property to change the color of the text to Hex 2E0044 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 #2E0044 looks like.

```
.text, #text, p{  
    color:#2E0044  
}
```

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 #2E0044 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2E0044
}
```

Border

The CSS property to change the border of an element to Hex 2E0044 is called "border". The border property can be set on classes, ids or directly on the HTML element.

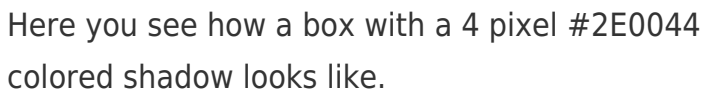
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#2E0044 }
```

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

```
.border{ border-color:#2E0044 }
```

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



Here you see how a box with a 4 pixel #2E0044 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2E0044; -webkit-box-shadow:4px 4px  
4px 4px #2E0044; box-shadow:4px 4px 4px  
4px #2E0044 }
```

Background

The CSS property to change the background color of an element to Hex 2E0044 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2E0044 }
```

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

```
.background{ background-color:#2E0044 }
```

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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