

Converting Colors

Hex(2E0021)

Have a look what the booklet for
Hex(2E0021) contains.

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Color

Hex(2E0021)

Conversions

Conversions Part 1

Format	Color
Hex	2E0021
RGB	46, 0, 33
RGB Percent	18%, 0%, 13%
CMY	0.8196, 1.0000, 0.8706
CMYK	0.00, 1.00, 0.28, 0.82
HSL	317°, 100%, 9%
HSV	317°, 100%, 18%
XYZ	1.4012, 0.6906, 1.4983
YIQ	17.5160, 16.8230, 20.0150

Conversions

Conversions Part 2

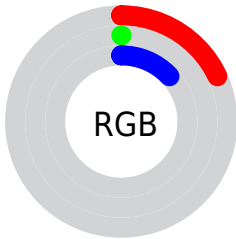
Format	Color
R_{YB}	46, 0, 33
Decimal	3014689
CIE Lab	6.24, 26.74, -9.58
CIE LCh	6, 28.410, 340.285
Yxy	0.6906, 0.3903, 0.1924
Android (android.graphics.Color)	4281204769 (0xFF2E0021)
YUV	17.5160, 7.6336, 24.9805
Hunter-Lab	8.3105, 15.5533, -4.8720

Details

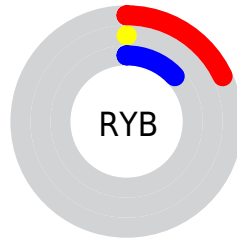
The Hex color **2E0021** is a dark color, and the websafe version is hex **330033**. A complement of this color would be **002E0D**, and the grayscale version is **111111**.

A 20% lighter version of the original color is **5E2D4D**, and **000000** is the 20% darker color. If you saturate the color by 10%, you get **2E0021**, and if you desaturate by 10%, it is **2E0522**.

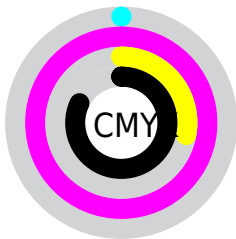
Distribution



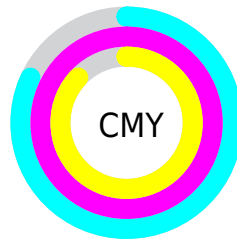
- Red (18%)
- Green (0%)
- Blue (13%)



- Red (18%)
- Yellow (0%)
- Blue (13%)



- Cyan (0%)
- Magenta (100%)
- Yellow (28%)
- Black (82%)



- Cyan (82%)
- Magenta (100%)
- Yellow (87%)

Brightness & Saturation Gradients

These gradients show how the Hex color 2E0021 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 2E0021 by changing the saturation by 10% instead.

 2E0021

 2E0021

 FFE3FF

 150008

 5E2D4D

 000000

 784565

 925D7E

 AD7698

 C990B3

 E5ABCE

 FFC7EB

 2E0021

■ 2E0522

■ 2E0924

■ 2E0E25

■ 2E1226

■ 2E1728

■ 2E1C29

■ 2E202A

■ 2E252B

■ 2E292D

Harmonies

Analogous

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



1C0B31



2E0021



34000C

Triad

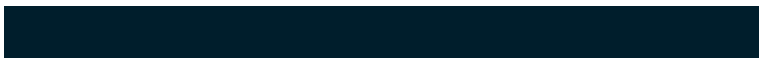
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



2E0021



131600



001E2C

Complementary

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



2E0021



002E0D

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.



001F1A



2E0021



001B00

Square

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



2E0021



250E00



001E00



001A37

Rectangle

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



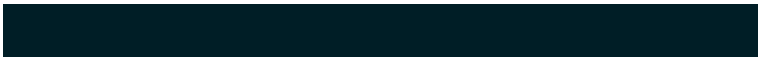
2E0021



320000



001E00



001E26

Sweetspot

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



2E0021



3B2936



0C002E



1F141B



9E9E9E



1F1F1F

Same Dimension

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



2E0021



3B002A



2E000B



171516



57003E



D6009A

Inverse Universe

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



2E0021



3B002A



002E23



171516



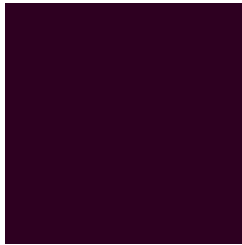
57003E



D6009A

Previews

White Background



This preview shows how the Hex color 2E0021 looks on a white background.

Color Contrast Check

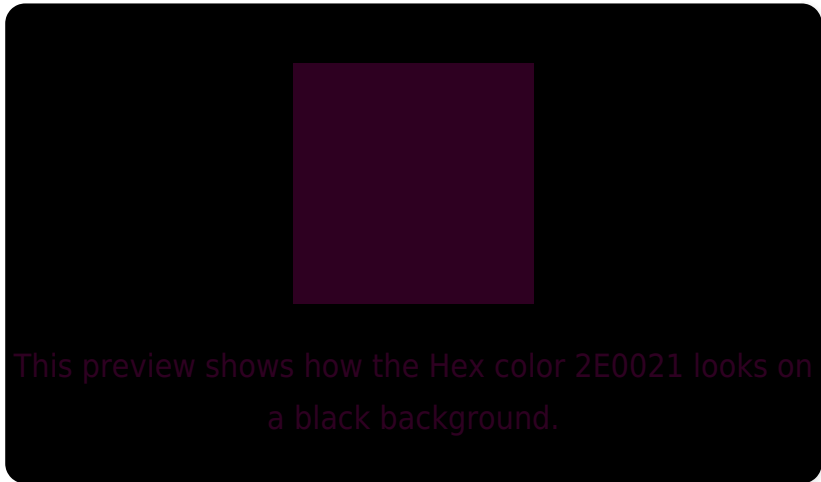
Large Text (above 18pt) WCAG AA ✓ Pass

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

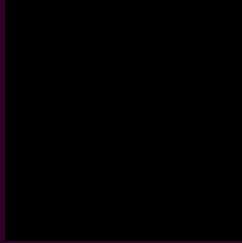
Any Text WCAG AA × Fail

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 2E0021 Background



This preview shows how black text looks on a background with the Hex color 2E0021.



This preview shows how white text looks on a background with the Hex color 2E0021.

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](#).

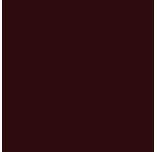
Dichromacy



Original Color
2E0021

Protanopia
0C182F

Deuteranopia
18181F



Tritanopia
2D0D0E

Trichromacy



Original Color

2E0021

Protanomaly

180F2A

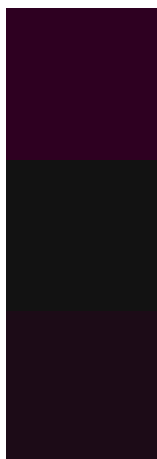
Deuteranomaly

200F20

Tritanomaly

2D0815

Monochromacy



Original Color

2E0021

Achromatopsia

121212

Achromatomaly

1C0B17

CSS Examples

Text

The CSS property to change the color of the text to Hex 2E0021 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 #2E0021 looks like.

```
.text, #text, p{  
    color:#2E0021  
}
```

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 #2E0021 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2E0021
}
```

Border

The CSS property to change the border of an element to Hex 2E0021 is called "border". The border property can be set on classes, ids or directly on the HTML element.

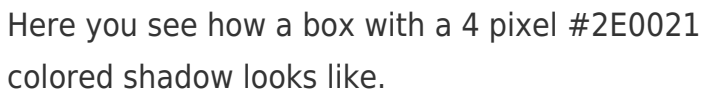
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#2E0021 }
```

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

```
.border{ border-color:#2E0021 }
```

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



Here you see how a box with a 4 pixel #2E0021 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2E0021; -webkit-box-shadow:4px 4px  
4px 4px #2E0021; box-shadow:4px 4px 4px  
4px #2E0021 }
```

Background

The CSS property to change the background color of an element to Hex 2E0021 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2E0021 }
```

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

```
.background{ background-color:#2E0021 }
```

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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