

Converting Colors

Hex(2E0030)

Have a look what the booklet for
Hex(2E0030) contains.

Hex(2E0030)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(2E0030)

Conversions

Conversions Part 1

Format	Color
Hex	2E0030
RGB	46, 0, 48
RGB Percent	18%, 0%, 19%
CMY	0.8196, 1.0000, 0.8118
CMYK	0.04, 1.00, 0.00, 0.81
HSL	298°, 100%, 9%
HSV	298°, 100%, 19%
XYZ	1.6602, 0.7942, 2.8621
YIQ	19.2260, 12.0080, 24.6800

Conversions

Conversions Part 2

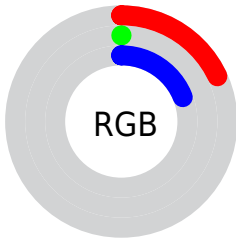
Format	Color
RYB	46, 0, 48
Decimal	3014704
CIELab	7.17, 29.84, -19.51
CIElCh	7, 35.654, 326.823
Yxy	0.7942, 0.3123, 0.1494
Android (android.graphics.Color)	4281204784 (0xFF2E0030)
YUV	19.2260, 14.1856, 23.4808
Hunter-Lab	8.9120, 17.6566, -12.8026

Details

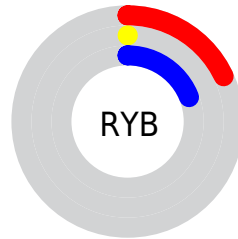
The Hex color **2E0030** is a dark color, and the websafe version is hex **330033**. A complement of this color would be **023000**, and the grayscale version is **131313**.

A 20% lighter version of the original color is **5E2E5E**, and **000000** is the 20% darker color. If you saturate the color by 10%, you get **2E0030**, and if you desaturate by 10%, it is **2E0530**.

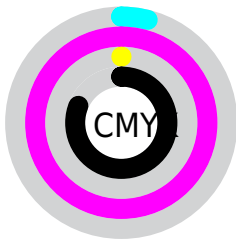
Distribution



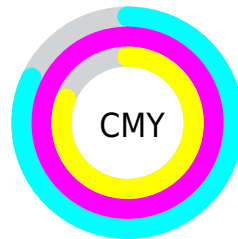
- Red (18%)
- Green (0%)
- Blue (19%)



- Red (18%)
- Yellow (0%)
- Blue (19%)



- Cyan (4%)
- Magenta (100%)
- Yellow (0%)
- Black (81%)



- Cyan (82%)
- Magenta (100%)
- Yellow (81%)

Brightness & Saturation Gradients

These gradients show how the Hex color 2E0030 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 2E0030 by changing the saturation by 10% instead.

 2E0030

 2E0030

 FFE4FF

 18001B

 5E2E5E

 000000

 784677

 925E91

 AD77AC

 C991C7

 E5ACE3

 FFC8FF

 2E0030

■ 2E0530

■ 2E0A30

■ 2F0E30

■ 2F1330

■ 2F1830

■ 2F1D30

■ 2F2230

■ 302630

■ 302B30

Harmonies

Analogous

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



041141



2E0030



3B001A

Triad

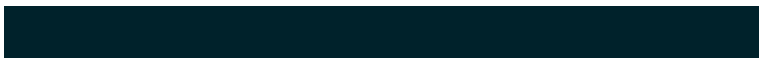
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



2E0030



1F1400



00222B

Complementary

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



2E0030



023000

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.



002112



2E0030



001C00

Square

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



2E0030



300800



002000



00203E

Rectangle

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



2E0030



3D0003



002000



002223

Sweetspot

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



2E0030



3C2B3D



000230



1E141F



9E9E9E



1F1F1F

Same Dimension

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



2E0030



3B003D



30001A



171517



530057



CD00D6

Inverse Universe

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



300002



3D0003



003016



171515



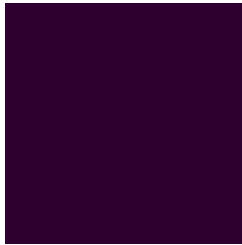
570004



D60009

Previews

White Background



This preview shows how the Hex color 2E0030 looks on a white background.

Color Contrast Check

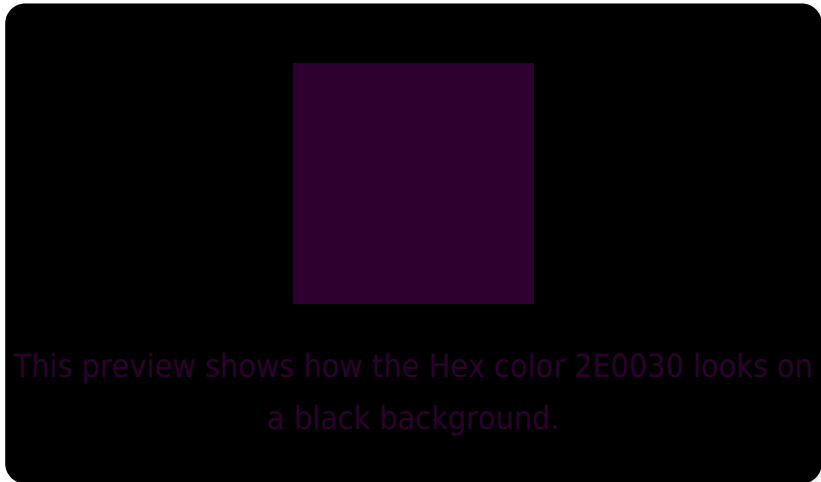
Large Text (above 18pt) WCAG AA ✓ Pass

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

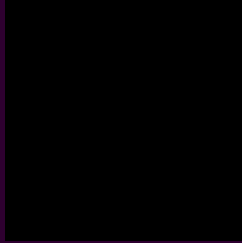
Any Text WCAG AA × Fail

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 2E0030 Background



This preview shows how black text looks on a background with the Hex color 2E0030.



This preview shows how white text looks on a background with the Hex color 2E0030.

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](#).

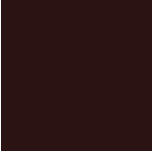
Dichromacy



Original Color
2E0030

Protanopia
001A36

Deuteranopia
0D1B2D



Tritanopia
2B1314

Trichromacy



Original Color
2E0030

Protanomaly
111134

Deuteranomaly
19112E

Tritanomaly
2C0C1E

Monochromacy



Original Color
2E0030

Achromatopsia
131313

Achromatomaly
1D0C1E

CSS Examples

Text

The CSS property to change the color of the text to Hex 2E0030 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 #2E0030 looks like.

```
.text, #text, p{  
    color:#2E0030  
}
```

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 #2E0030 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2E0030
}
```

Border

The CSS property to change the border of an element to Hex 2E0030 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
#2E0030 }
```

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

```
.border{ border-color:#2E0030 }
```

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

Here you see how a box with a 4 pixel #2E0030 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2E0030; -webkit-box-shadow:4px 4px  
4px 4px #2E0030; box-shadow:4px 4px 4px  
4px #2E0030 }
```

Background

The CSS property to change the background color of an element to Hex 2E0030 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2E0030 }
```

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

```
.background{ background-color:#2E0030 }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor