

Converting Colors

Hex(2E0E58)

Have a look what the booklet for
Hex(2E0E58) contains.

Hex(2E0E58)	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(2E0E58)

Conversions

Conversions Part 1

Format	Color
Hex	2E0E58
RGB	46, 14, 88
RGB Percent	18%, 5%, 35%
CMY	0.8196, 0.9451, 0.6549
CMYK	0.48, 0.84, 0.00, 0.65
HSL	266°, 73%, 20%
HSV	266°, 84%, 35%
XYZ	3.0452, 1.5995, 9.3808
YIQ	32.0040, -4.6820, 29.7980

Conversions

Conversions Part 2

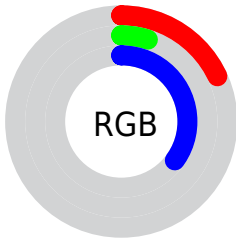
Format	Color
RYB	46, 14, 88
Decimal	3018328
CIELab	13.23, 32.83, -37.94
CIELCh	13, 50.170, 310.865
Yxy	1.5995, 0.2171, 0.1140
Android (android.graphics.Color)	4281208408 (0xFF2E0E58)
YUV	32.0040, 27.6060, 12.2745
Hunter-Lab	12.6471, 20.8471, -35.1242

Details

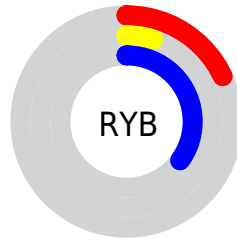
The Hex color **2E0E58** is a dark color, and the websafe version is hex **330066**. A complement of this color would be **38580E**, and the grayscale version is **202020**.

A 20% lighter version of the original color is **613C8B**, and **000029** is the 20% darker color. If you saturate the color by 10%, you get **290558**, and if you desaturate by 10%, it is **331758**.

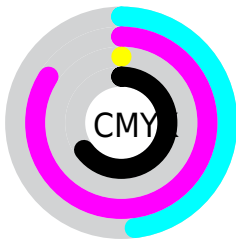
Distribution



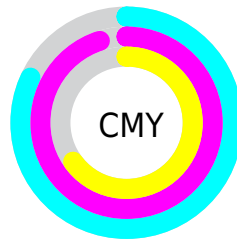
- Red (18%)
- Green (5%)
- Blue (35%)



- Red (18%)
- Yellow (5%)
- Blue (35%)



- Cyan (48%)
- Magenta (84%)
- Yellow (0%)
- Black (65%)



- Cyan (82%)
- Magenta (95%)
- Yellow (65%)

Brightness & Saturation Gradients

These gradients show how the Hex color 2E0E58 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 2E0E58 by changing the saturation by 10% instead.

 2E0E58

 2E0E58

 FFF5FF

 160040

 613C8B

 000029

 7B54A5

 000113

 966DC1

 000000

 B187DD

 CEA1FA

 EABDFF

 FFD9FF

 2E0E58

 2E0E58

■ 290558

■ 331758

■ 260058

■ 382058

■ 3D2858

■ 423158

■ 473A58

■ 4C4358

■ 514C58

■ 565458

■ 5B5D58

Harmonies

Analogous

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



002469



2E0E58



52003A

Triad

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



2E0E58



3D1700



00302E

Complementary

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



2E0E58



38580E

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.



002F05



2E0E58



202500

Square

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



2E0E58



520000



002B00



002F50

Rectangle

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



2E0E58



5A0023



002B00



003022

Sweetspot

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



2E0E58



625673



0E3958



31293B



BABABA



3B3B3B

Same Dimension

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



2E0E58



320073



520E58



29272B



2E006B



6500EB

Inverse Universe

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



580E38



730041



14580E



2B2729



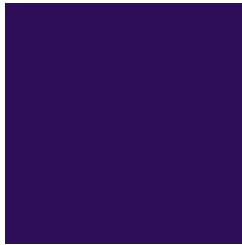
6B003D



EB0085

Previews

White Background



This preview shows how the Hex color 2E0E58 looks on a white background.

Color Contrast Check

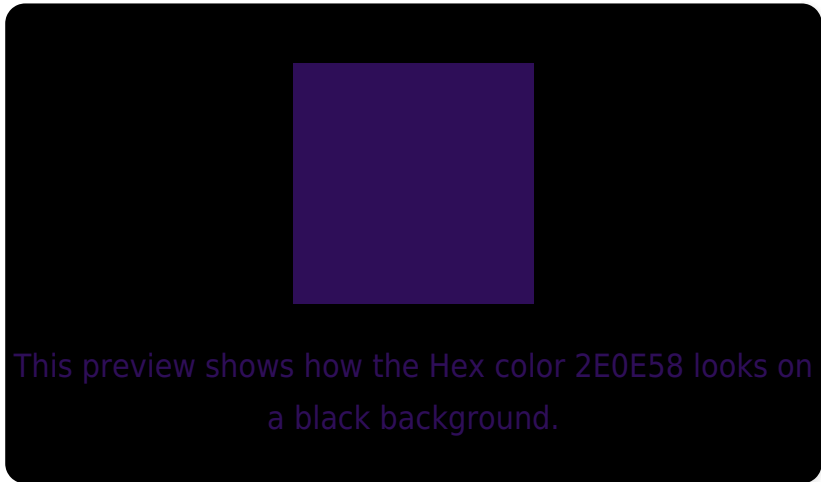
Large Text (above 18pt) WCAG AA ✓ Pass

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

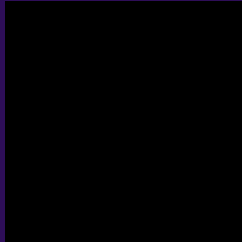
Any Text WCAG AA × Fail

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 2E0E58 Background



This preview shows how black text looks on a background with the Hex color 2E0E58.



This preview shows how white text looks on a background with the Hex color 2E0E58.

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
2E0E58

Protanopia
002349

Deuteranopia
00253E



Tritanopia
212427

Trichromacy



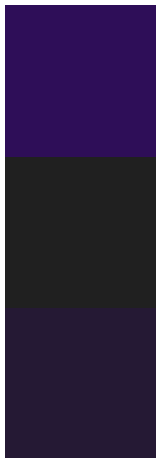
Original Color
2E0E58

Protanomaly
111B4E

Deuteranomaly
111D47

Tritanomaly
261C39

Monochromacy



Original Color
2E0E58

Achromatopsia
202020

Achromatomaly
251934

CSS Examples

Text

The CSS property to change the color of the text to Hex 2E0E58 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 #2E0E58 looks like.

```
.text, #text, p{  
    color:#2E0E58  
}
```

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 #2E0E58 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2E0E58  
}
```

Border

The CSS property to change the border of an element to Hex 2E0E58 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".

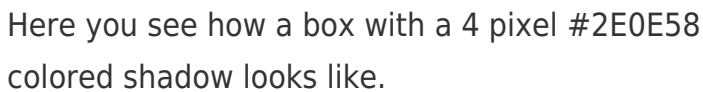
```
.border, #border, table{ border:4px solid  
#2E0E58 }
```

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

```
.border{ border-color:#2E0E58 }
```

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

Here you see how a box with a 4 pixel #2E0E58 colored shadow looks like.

A rectangular box with a dark purple border and a dark purple shadow. The box is white with a thin dark purple border on the top and left sides, and a thicker dark purple shadow on the bottom and right sides.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2E0E58; -webkit-box-shadow:4px 4px  
4px 4px #2E0E58; box-shadow:4px 4px 4px  
4px #2E0E58 }
```

Background

The CSS property to change the background color of an element to Hex 2E0E58 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2E0E58 }
```

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

```
.background{ background-color:#2E0E58 }
```

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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