

Converting Colors

Hex(2E0F75)

Have a look what the booklet for
Hex(2E0F75) contains.

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Color

Hex(2E0F75)

Conversions

Conversions Part 1

Format	Color
Hex	2E0F75
RGB	46, 15, 117
RGB Percent	18%, 6%, 46%
CMY	0.8196, 0.9412, 0.5412
CMYK	0.61, 0.87, 0.00, 0.54
HSL	258°, 77%, 26%
HSV	258°, 87%, 46%
XYZ	4.5084, 2.2068, 17.0180
YIQ	35.8970, -14.2660, 38.2940

Conversions

Conversions Part 2

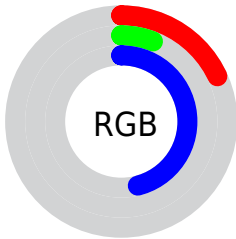
Format	Color
RYB	46, 15, 117
Decimal	3018613
CIELab	16.54, 40.75, -51.63
CIElCh	17, 65.775, 308.279
Yxy	2.2068, 0.1900, 0.0930
Android (android.graphics.Color)	4281208693 (0xFF2E0F75)
YUV	35.8970, 39.9838, 8.8603
Hunter-Lab	14.8555, 28.1752, -57.5221

Details

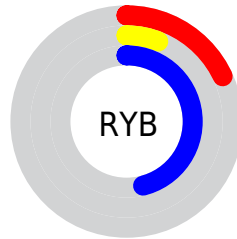
The Hex color **2E0F75** is a dark color, and the websafe version is hex **330066**. A complement of this color would be **56750F**, and the grayscale version is **242424**.

A 20% lighter version of the original color is **663FAA**, and **000043** is the 20% darker color. If you saturate the color by 10%, you get **260375**, and if you desaturate by 10%, it is **361B75**.

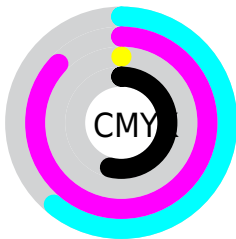
Distribution



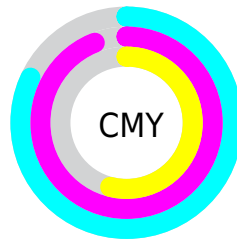
- Red (18%)
- Green (6%)
- Blue (46%)



- Red (18%)
- Yellow (6%)
- Blue (46%)



- Cyan (61%)
- Magenta (87%)
- Yellow (0%)
- Black (54%)



- Cyan (82%)
- Magenta (94%)
- Yellow (54%)

Brightness & Saturation Gradients

These gradients show how the Hex color 2E0F75 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 2E0F75 by changing the saturation by 10% instead.

■ 2E0F75

■ 2E0F75

■ FFFAFF

■ 0B005C

■ 663FAA

■ 000043

■ 8158C6

■ 00032C

■ 9D71E2

■ 000116

■ B98BFF

■ 000000

■ D6A6FF

■ F4C1FF

■ FFDDFF

■ 2E0F75

■ 2E0F75

■ 260375

■ 361B75

■ 240075

■ 3E2675

■ 463275

■ 4F3E75

■ 574A75

■ 5F5575

■ 676175

■ 6F6D75

■ 777875

Harmonies

Analogous

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



002D8A



2E0F75



66004D

Triad

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



2E0F75



4E1700



003935

Complementary

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



2E0F75



56750F

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.



003800



2E0F75



282C00

Square

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



2E0F75



690000



003400



003A64

Rectangle

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



2E0F75



72002E



003400



003925

Sweetspot

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



2E0F75



7D7199



0F5675



3C354D



CCCCCC



4D4D4D

Same Dimension

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



2E0F75



2E0099



610F75



37353B



25007A



4C00FA

Inverse Universe

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



750F56



99006A



23750F



3B3539



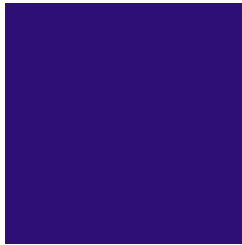
7A0055



FA00AE

Previews

White Background



This preview shows how the Hex color 2E0F75 looks on a white background.

Color Contrast Check

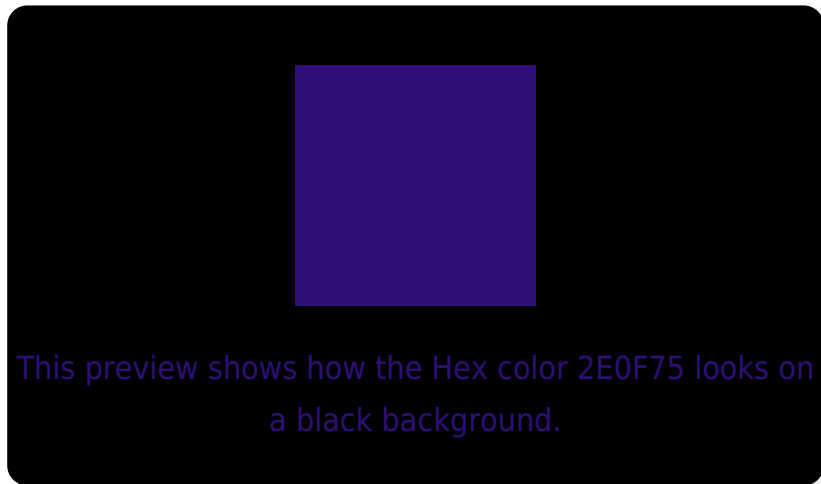
Large Text (above 18pt) WCAG AA ✓ Pass

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

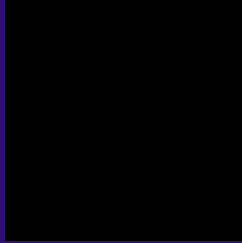
Any Text WCAG AA × Fail

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 2E0F75 Background



This preview shows how black text looks on a background with the Hex color 2E0F75.



This preview shows how white text looks on a background with the Hex color 2E0F75.

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
2E0F75

Protanopia
002956

Deuteranopia
002C4A



Tritanopia
0B2F33

Trichromacy



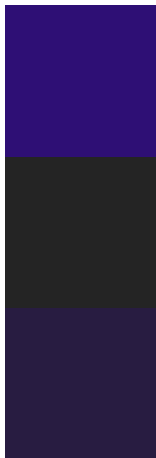
Original Color
2E0F75

Protanomaly
112061

Deuteranomaly
11215A

Tritanomaly
18234B

Monochromacy



Original Color
2E0F75

Achromatopsia
242424

Achromatomaly
281C41

CSS Examples

Text

The CSS property to change the color of the text to Hex 2E0F75 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 #2E0F75 looks like.

```
.text, #text, p{  
    color:#2E0F75  
}
```

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 #2E0F75 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2E0F75
}
```

Border

The CSS property to change the border of an element to Hex 2E0F75 is called "border". The border property can be set on classes, ids or directly on the HTML element.

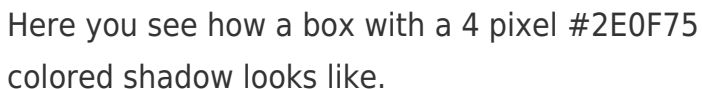
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#2E0F75 }
```

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

```
.border{ border-color:#2E0F75 }
```

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



Here you see how a box with a 4 pixel #2E0F75 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2E0F75; -webkit-box-shadow:4px 4px  
4px 4px #2E0F75; box-shadow:4px 4px 4px  
4px #2E0F75 }
```

Background

The CSS property to change the background color of an element to Hex 2E0F75 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2E0F75 }
```

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

```
.background{ background-color:#2E0F75 }
```

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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