

Converting Colors

Hex(2E0B73)

Have a look what the booklet for
Hex(2E0B73) contains.

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Color

Hex(2E0B73)

Conversions

Conversions Part 1

Format	Color
Hex	2E0B73
RGB	46, 11, 115
RGB Percent	18%, 4%, 45%
CMY	0.8196, 0.9569, 0.5490
CMYK	0.60, 0.90, 0.00, 0.55
HSL	260°, 83%, 25%
HSV	260°, 90%, 45%
XYZ	4.3409, 2.0580, 16.3881
YIQ	33.3210, -12.5240, 39.7640

Conversions

Conversions Part 2

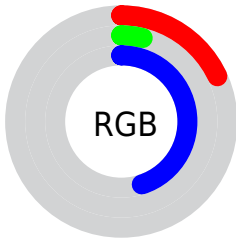
Format	Color
R_{YB}	46, 11, 115
Decimal	3017587
CIE _{Lab}	15.79, 41.70, -51.58
CIE _{LCh}	16, 66.329, 308.958
Yxy	2.0580, 0.1905, 0.0903
Android (android.graphics.Color)	4281207667 (0xFF2E0B73)
YUV	33.3210, 40.2677, 11.1195
Hunter-Lab	14.3457, 28.9077, -57.6891

Details

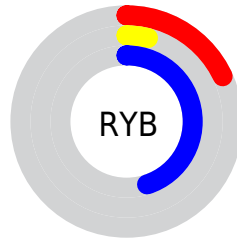
The Hex color **2E0B73** is a dark color, and the websafe version is hex **330066**. A complement of this color would be **50730B**, and the grayscale version is **212121**.

A 20% lighter version of the original color is **663CA8**, and **000042** is the 20% darker color. If you saturate the color by 10%, you get **270073**, and if you desaturate by 10%, it is **361673**.

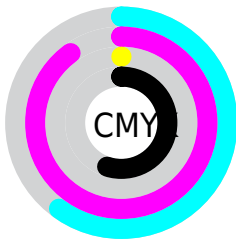
Distribution



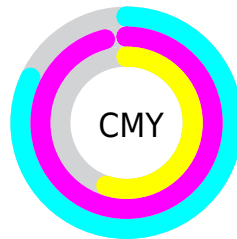
- Red (18%)
- Green (4%)
- Blue (45%)



- Red (18%)
- Yellow (4%)
- Blue (45%)



- Cyan (60%)
- Magenta (90%)
- Yellow (0%)
- Black (55%)



- Cyan (82%)
- Magenta (96%)
- Yellow (55%)

Brightness & Saturation Gradients

These gradients show how the Hex color 2E0B73 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 2E0B73 by changing the saturation by 10% instead.

 2E0B73


 2E0B73

 FFF7FF

 0C005A

 663CA8

 000042

 8155C4

 00032A

 9D6EE0

 000115

 B988FD

 000000

 D6A3FF

 F3BEFF

 FFDAFF

 2E0B73

 2E0B73

■ 270073

■ 361673

■ 3D2273

■ 452D73

■ 4D3973

■ 544473

■ 5C5073

■ 635C73

■ 6B6773

■ 737273

Harmonies

Analogous

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



002C88



2E0B73



65004A

Triad

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



2E0B73



4B1600



003835

Complementary

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



2E0B73



50730B

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.



003600



2E0B73



252A00

Square

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



2E0B73



660000



003200



003863

Rectangle

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



2E0B73



71002B



003200



003824

Sweetspot

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



2E0B73



7B6E96



0B5073



3C344D



CCCCCC



4D4D4D

Same Dimension

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



2E0B73



330096



620B73



37353B



29007A



5400FA

Inverse Universe

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



730B50



960064



1C730B



3B3539



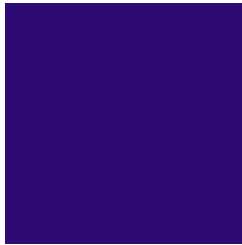
7A0051



FA00A6

Previews

White Background



This preview shows how the Hex color 2E0B73 looks on a white background.

Color Contrast Check

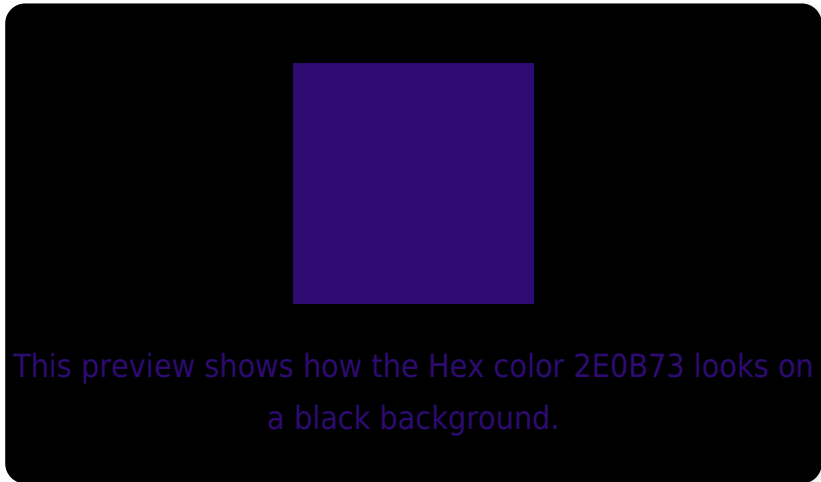
Large Text (above 18pt) WCAG AA ✓ Pass

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

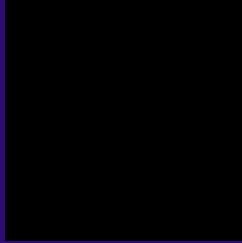
Any Text WCAG AA × Fail

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 2E0B73 Background



This preview shows how black text looks on a background with the Hex color 2E0B73.



This preview shows how white text looks on a background with the Hex color 2E0B73.

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
2E0B73

Protanopia
002854

Deuteranopia
002B48



Tritanopia
0E2D31

Trichromacy



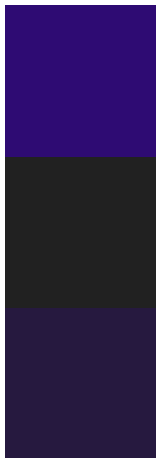
Original Color
2E0B73

Protanomaly
111D5F

Deuteranomaly
111F58

Tritanomaly
1A2149

Monochromacy



Original Color
2E0B73

Achromatopsia
212121

Achromatomaly
26193F

CSS Examples

Text

The CSS property to change the color of the text to Hex 2E0B73 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 #2E0B73 looks like.

```
.text, #text, p{  
    color:#2E0B73  
}
```

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 #2E0B73 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2E0B73
}
```

Border

The CSS property to change the border of an element to Hex 2E0B73 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
#2E0B73 }
```

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

```
.border{ border-color:#2E0B73 }
```

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

Here you see how a box with a 4 pixel #2E0B73 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2E0B73; -webkit-box-shadow:4px 4px  
4px 4px #2E0B73; box-shadow:4px 4px 4px  
4px #2E0B73 }
```

Background

The CSS property to change the background color of an element to Hex 2E0B73 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2E0B73 }
```

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

```
.background{ background-color:#2E0B73 }
```

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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