

Converting Colors

Hex(2E0A55)

Have a look what the booklet for
Hex(2E0A55) contains.

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Color

Hex(2E0A55)

Conversions

Conversions Part 1

Format	Color
Hex	2E0A55
RGB	46, 10, 85
RGB Percent	18%, 4%, 33%
CMY	0.8196, 0.9608, 0.6667
CMYK	0.46, 0.88, 0.00, 0.67
HSL	269°, 79%, 19%
HSV	269°, 88%, 33%
XYZ	2.8749, 1.4538, 8.7234
YIQ	29.3140, -2.6190, 30.9570

Conversions

Conversions Part 2

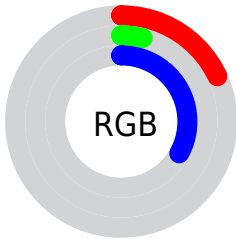
Format	Color
R_{YB}	46, 10, 85
Decimal	3017301
CIE _{Lab}	12.31, 33.76, -37.41
CIE _{LCh}	12, 50.386, 312.064
Yxy	1.4538, 0.2203, 0.1114
Android (android.graphics.Color)	4281207381 (0xFF2E0A55)
YUV	29.3140, 27.4532, 14.6336
Hunter-Lab	12.0574, 21.4610, -34.4557

Details

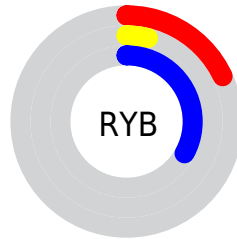
The Hex color **2E0A55** is a dark color, and the websafe version is hex **330066**. A complement of this color would be **31550A**, and the grayscale version is **1D1D1D**.

A 20% lighter version of the original color is **613988**, and **000227** is the 20% darker color. If you saturate the color by 10%, you get **2A0255**, and if you desaturate by 10%, it is **321355**.

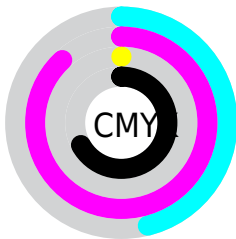
Distribution



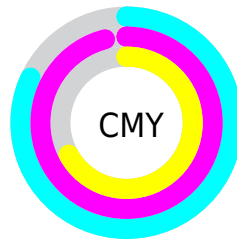
- Red (18%)
- Green (4%)
- Blue (33%)



- Red (18%)
- Yellow (4%)
- Blue (33%)



- Cyan (46%)
- Magenta (88%)
- Yellow (0%)
- Black (67%)



- Cyan (82%)
- Magenta (96%)
- Yellow (67%)

Brightness & Saturation Gradients

These gradients show how the Hex color 2E0A55 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 2E0A55 by changing the saturation by 10% instead.

 2E0A55

 2E0A55

 FFF2FF

 18003D

 613988

 000227

 7B51A2

 000110

 966ABD

 000000

 B184D9

 CD9EF6

 EAB9FF

 FFD5FF

 2E0A55

 2E0A55

■ 2A0255

■ 321355

■ 290055

■ 371B55

■ 3B2455

■ 402C55

■ 443555

■ 493D55

■ 4D4655

■ 514E55

■ 565655

Harmonies

Analogous

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



002166



2E0A55



500036

Triad

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



2E0A55



3A1600



002E2E

Complementary

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



2E0A55



31550A

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.



002D04



2E0A55



1C2300

Square

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



2E0A55



4F0000



002A00



002D4F

Rectangle

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



2E0A55



580020



002A00



002E22

Sweetspot

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



2E0A55



5F516E



0A3255



2F2738



B8B8B8



383838

Same Dimension

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



2E0A55



35006E



520A55



29272B



33006B



7100EB

Inverse Universe

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



550A31



6E0039



0D550A



2B2729



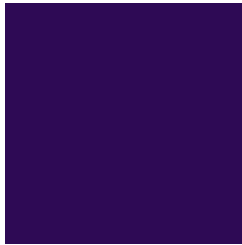
6B0038



EB007A

Previews

White Background



This preview shows how the Hex color 2E0A55 looks on a white background.

Color Contrast Check

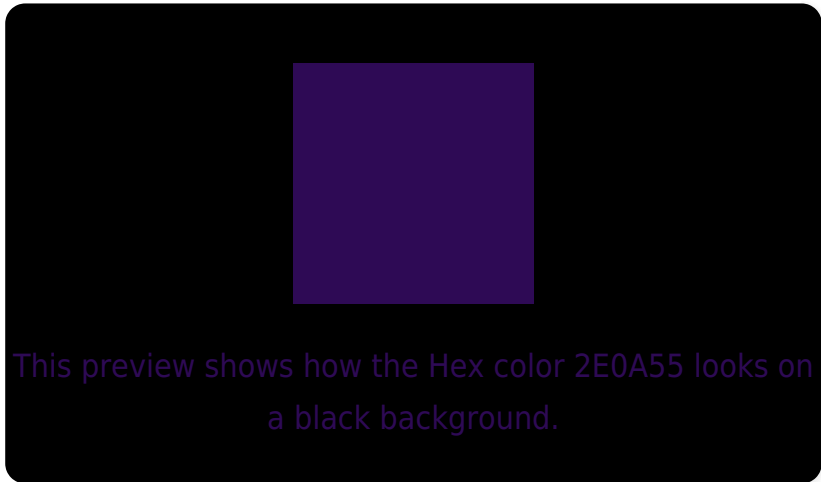
Large Text (above 18pt) WCAG AA ✓ Pass

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

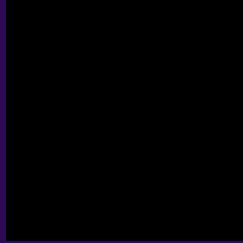
Any Text WCAG AA × Fail

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 2E0A55 Background



This preview shows how black text looks on a background with the Hex color 2E0A55.



This preview shows how white text looks on a background with the Hex color 2E0A55.

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
2E0A55

Protanopia
002146

Deuteranopia
00233C



Tritanopia
222225

Trichromacy



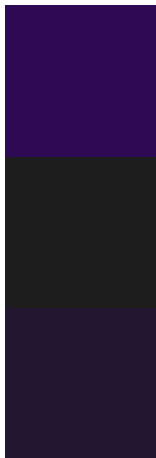
Original Color
2E0A55

Protanomaly
11194B

Deuteranomaly
111A45

Tritanomaly
261936

Monochromacy



Original Color
2E0A55

Achromatopsia
1D1D1D

Achromatomaly
231631

CSS Examples

Text

The CSS property to change the color of the text to Hex 2E0A55 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 #2E0A55 looks like.

```
.text, #text, p{  
    color:#2E0A55  
}
```

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 #2E0A55 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2E0A55  
}
```

Border

The CSS property to change the border of an element to Hex 2E0A55 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  
#2E0A55 }
```

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

```
.border{ border-color:#2E0A55 }
```

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

Here you see how a box with a 4 pixel #2E0A55 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2E0A55; -webkit-box-shadow:4px 4px  
4px 4px #2E0A55; box-shadow:4px 4px 4px  
4px #2E0A55 }
```

Background

The CSS property to change the background color of an element to Hex 2E0A55 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2E0A55 }
```

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

```
.background{ background-color:#2E0A55 }
```

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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