

Converting Colors

Hex(2A0E52)

Have a look what the booklet for
Hex(2A0E52) contains.

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Color

Hex(2A0E52)

Conversions

Conversions Part 1

Format	Color
Hex	2A0E52
RGB	42, 14, 82
RGB Percent	16%, 5%, 32%
CMY	0.8353, 0.9451, 0.6784
CMYK	0.49, 0.83, 0.00, 0.68
HSL	265°, 71%, 19%
HSV	265°, 83%, 32%
XYZ	2.6349, 1.4155, 8.1170
YIQ	30.1240, -5.1400, 27.0840

Conversions

Conversions Part 2

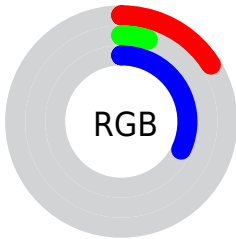
Format	Color
RYB	42, 14, 82
Decimal	2756178
CIELab	12.06, 30.37, -35.79
CIElCh	12, 46.944, 310.318
Yxy	1.4155, 0.2166, 0.1163
Android (android.graphics.Color)	4280946258 (0xFF2A0E52)
YUV	30.1240, 25.5749, 10.4153
Hunter-Lab	11.8975, 18.7106, -32.1218




Details

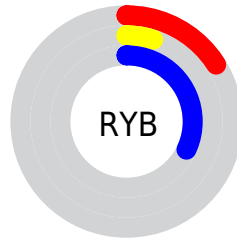
The Hex color **2A0E52** is a dark color, and the websafe version is hex **330066**. A complement of this color would be **36520E**, and the grayscale version is **1E1E1E**.




A 20% lighter version of the original color is **5C3B84**, and **000224** is the 20% darker color. If you saturate the color by 10%, you get **250652**, and if you desaturate by 10%, it is **2F1652**.

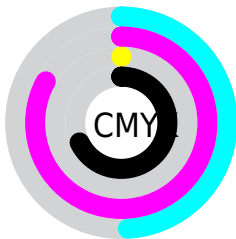
Distribution







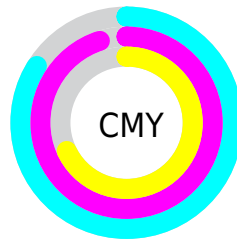
-  Red (16%)
-  Green (5%)
-  Blue (32%)






-  Red (16%)
-  Yellow (5%)
-  Blue (32%)



-  Cyan (49%)
-  Magenta (83%)
-  Yellow (0%)
-  Black (68%)



-  Cyan (84%)
-  Magenta (95%)
-  Yellow (68%)

Brightness & Saturation Gradients

These gradients show how the Hex color 2A0E52 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 2A0E52 by changing the saturation by 10% instead.

 2A0E52

 2A0E52

 FFF3FF

 15003B

 5C3B84

 000224

 76539F

 00000C

 916CBA

 000000

 AC85D6

 C8A0F2

 E4BBFF

 FFD7FF

 2A0E52

 2A0E52

■ 250652

■ 2F1652

■ 220052

■ 341E52

■ 382752

■ 3D2F52

■ 423752

■ 473F52

■ 4C4752

■ 515052

■ 555852

Harmonies

Analogous

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



002161



2A0E52



4B0036

Triad

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



2A0E52



391500



002D2A

Complementary

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



2A0E52



36520E

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.



002C03



2A0E52



1F2200

Square

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



2A0E52



4C0000



002800



002C4A

Rectangle

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



2A0E52



530021



002800



002D1F

Sweetspot

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



2A0E52



5B506B



0E3752



2C2536



B5B5B5



363636

Same Dimension

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



2A0E52



2C006B



4B0E52



262529



2B0069



6000E8

Inverse Universe

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



520E36



6B003F



15520E



292527



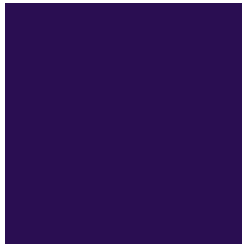
69003D



E80088

Previews

White Background



This preview shows how the Hex color 2A0E52 looks on a white background.

Color Contrast Check

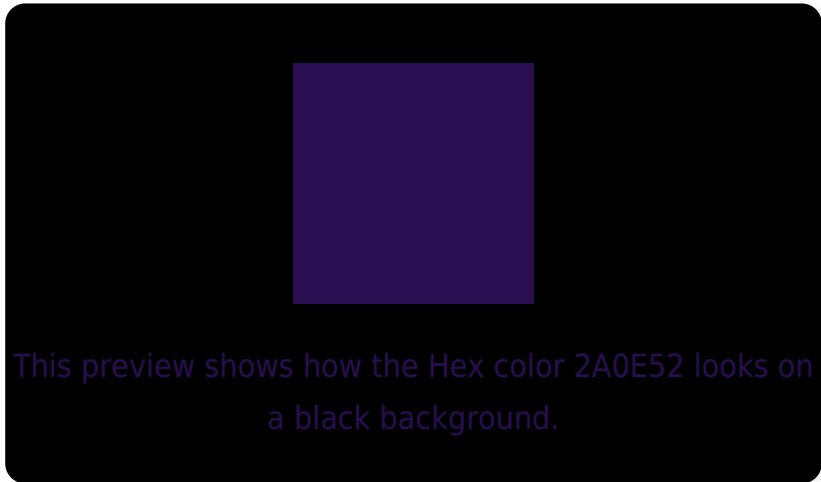
Large Text (above 18pt) WCAG AA ✓ Pass

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

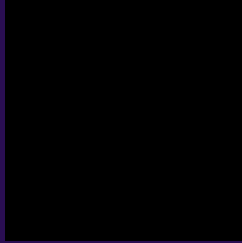
Any Text WCAG AA × Fail

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 2A0E52 Background



This preview shows how black text looks on a background with the Hex color 2A0E52.



This preview shows how white text looks on a background with the Hex color 2A0E52.

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
2A0E52

Protanopia
002044

Tritanopia
1E2225

Trichromacy

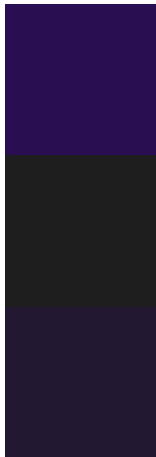


Original Color
2A0E52

Protanomaly
0F1949

Tritanomaly
221B35

Monochromacy



Original Color
2A0E52

Achromatopsia
1E1E1E

Achromatomaly
221831

CSS Examples

Text

The CSS property to change the color of the text to Hex 2A0E52 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 #2A0E52 looks like.

```
.text, #text, p{  
    color:#2A0E52  
}
```

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 #2A0E52 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2A0E52
}
```

Border

The CSS property to change the border of an element to Hex 2A0E52 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
#2A0E52 }
```

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

```
.border{ border-color:#2A0E52 }
```

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

Here you see how a box with a 4 pixel #2A0E52 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2A0E52; -webkit-box-shadow:4px 4px  
4px 4px #2A0E52; box-shadow:4px 4px 4px  
4px #2A0E52 }
```

Background

The CSS property to change the background color of an element to Hex 2A0E52 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2A0E52 }
```

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

```
.background{ background-color:#2A0E52 }
```

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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