

Converting Colors

Hex(3A0E50)

Have a look what the booklet for
Hex(3A0E50) contains.

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Color

Hex(3A0E50)

Conversions

Conversions Part 1

Format	Color
Hex	3A0E50
RGB	58, 14, 80
RGB Percent	23%, 5%, 31%
CMY	0.7725, 0.9451, 0.6863
CMYK	0.28, 0.82, 0.00, 0.69
HSL	280°, 70%, 18%
HSV	280°, 82%, 31%
XYZ	3.3499, 1.7928, 7.7589
YIQ	34.6800, 5.0380, 29.8540

Conversions

Conversions Part 2

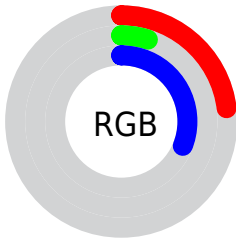
Format	Color
R_{YB}	58, 14, 80
Decimal	3804752
CIE _{Lab}	14.36, 33.07, -30.57
CIE _{LCh}	14, 45.038, 317.249
Yxy	1.7928, 0.2597, 0.1390
Android (android.graphics.Color)	4281994832 (0xFF3A0E50)
YUV	34.6800, 22.3428, 20.4516
Hunter-Lab	13.3896, 21.2271, -24.9843

Details

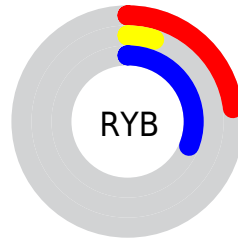
The Hex color **3A0E50** is a dark color, and the websafe version is hex **330033**. A complement of this color would be **24500E**, and the grayscale version is **222222**.

A 20% lighter version of the original color is **6C3D82**, and **000023** is the 20% darker color. If you saturate the color by 10%, you get **370650**, and if you desaturate by 10%, it is **3D1650**.

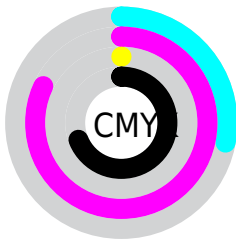
Distribution



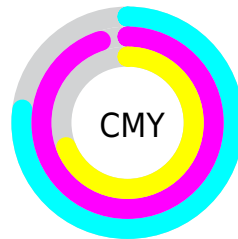
- Red (23%)
- Green (5%)
- Blue (31%)



- Red (23%)
- Yellow (5%)
- Blue (31%)



- Cyan (28%)
- Magenta (82%)
- Yellow (0%)
- Black (69%)



- Cyan (77%)
- Magenta (95%)
- Yellow (69%)

Brightness & Saturation Gradients

These gradients show how the Hex color 3A0E50 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 3A0E50 by changing the saturation by 10% instead.

■ 3A0E50

■ 3A0E50

■ FFF7FF

■ 230039

■ 6C3D82

■ 000023

■ 86569C

■ 000009

■ A16FB7

■ 000000

■ BD89D3

■ D9A3EF

■ F6BFFF

■ FFDBFF

■ 3A0E50

■ 3A0E50

■ 370650

■ 3D1650

■ 350050

■ 3F1E50

■ 422650

■ 452E50

■ 473650

■ 4A3E50

■ 4D4650

■ 4F4E50

■ 525650

Harmonies

Analogous

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



002362



3A0E50



540033

Triad

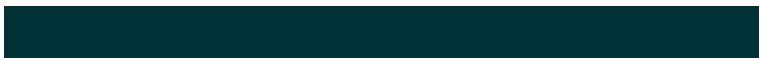
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



3A0E50



391E00



003136

Complementary

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



3A0E50



24500E

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.



003015



3A0E50



1D2800

Square

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



3A0E50



4E0900



002E00



003053

Rectangle

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



3A0E50



59001E



002E00



00312C

Sweetspot

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



3A0E50



604E69



0E2450



302536



B5B5B5



363636

Same Dimension

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



3A0E50



460169



500E45



272529



460069



9B00E8

Inverse Universe

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



500E24



690124



0E5019



292526



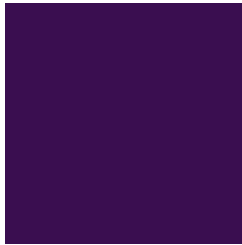
690023



E8004D

Previews

White Background



This preview shows how the Hex color 3A0E50 looks on a white background.

Color Contrast Check

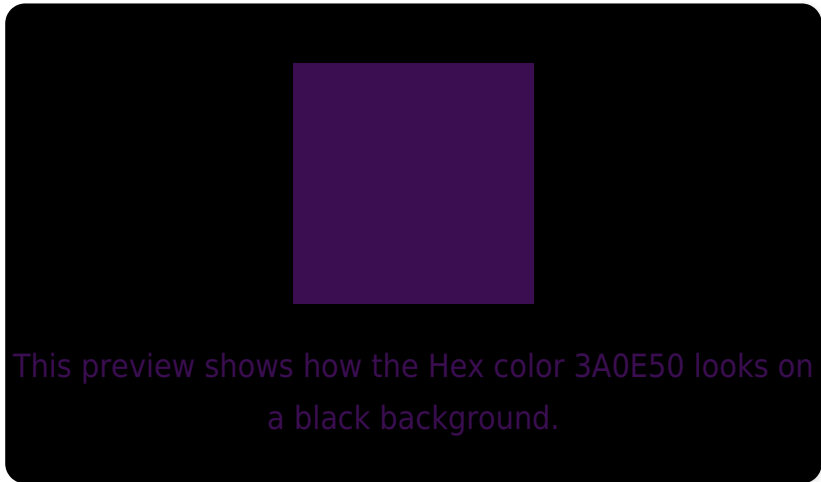
Large Text (above 18pt) WCAG AA ✓ Pass

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

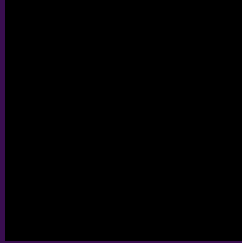
Any Text WCAG AA × Fail

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 3A0E50 Background



This preview shows how black text looks on a background with the Hex color 3A0E50.



This preview shows how white text looks on a background with the Hex color 3A0E50.

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
3A0E50

Protanopia
00254E

Deuteranopia
002744



Tritanopia
332124

Trichromacy



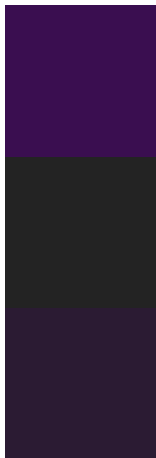
Original Color
3A0E50

Protanomaly
151D4F

Deuteranomaly
151E48

Tritanomaly
361A34

Monochromacy



Original Color
3A0E50

Achromatopsia
232323

Achromatomaly
2B1B33

CSS Examples

Text

The CSS property to change the color of the text to Hex 3A0E50 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 #3A0E50 looks like.

```
.text, #text, p{  
    color:#3A0E50  
}
```

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 #3A0E50 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3A0E50
}
```

Border

The CSS property to change the border of an element to Hex 3A0E50 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
#3A0E50 }
```

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

```
.border{ border-color:#3A0E50 }
```

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

Here you see how a box with a 4 pixel #3A0E50 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3A0E50; -webkit-box-shadow:4px 4px  
4px 4px #3A0E50; box-shadow:4px 4px 4px  
4px #3A0E50 }
```

Background

The CSS property to change the background color of an element to Hex 3A0E50 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3A0E50 }
```

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

```
.background{ background-color:#3A0E50 }
```

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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