

Converting Colors

Hex(300902)

Have a look what the booklet for
Hex(300902) contains.

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Color

Hex(300902)

Conversions

Conversions Part 1

Format	Color
Hex	300902
RGB	48, 9, 2
RGB Percent	19%, 4%, 1%
CMY	0.8118, 0.9647, 0.9922
CMYK	0.00, 0.81, 0.96, 0.81
HSL	9°, 92%, 10%
HSV	9°, 96%, 19%
XYZ	1.3276, 0.8281, 0.1473
YIQ	19.8630, 25.4910, 6.0910

Conversions

Conversions Part 2

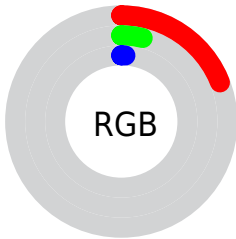
Format	Color
RYB	48, 10, 2
Decimal	3148034
CIELab	7.48, 19.20, 10.79
CIELCh	7, 22.029, 29.330
Yxy	0.8281, 0.5764, 0.3596
Android (android.graphics.Color)	4281338114 (0xFF300902)
YUV	19.8630, -8.8065, 24.6761
Hunter-Lab	9.1002, 10.1149, 5.4104

Details

The Hex color **300902** is a dark color, and the websafe version is hex **330000**. A complement of this color would be **022930**, and the grayscale version is **141414**.

A 20% lighter version of the original color is **613531**, and **000000** is the 20% darker color. If you saturate the color by 10%, you get **300700**, and if you desaturate by 10%, it is **300D07**.

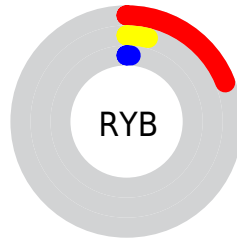
Distribution



Red (19%)

Green (4%)

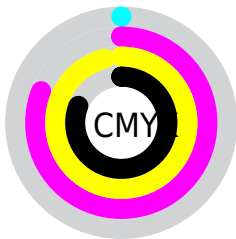
Blue (1%)



Red (19%)

Yellow (4%)

Blue (1%)

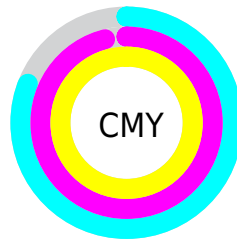


Cyan (0%)

Magenta (81%)

Yellow (96%)

Black (81%)



Cyan (81%)

Magenta (96%)

Yellow (99%)

Brightness & Saturation Gradients

These gradients show how the Hex color 300902 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 300902 by changing the saturation by 10% instead.

 300902

 300902

 FFEAE4

 130000

 613531

 000000

 7B4C48

 95645F

 B17D78

 CD9792

 E9B2AC

 FFCEC8

 300902

 300902

■ 300700

■ 300D07

■ 30110C

■ 301510

■ 301915

■ 301D1A

■ 30211F

■ 302524

■ 302A28

■ 302E2D

Harmonies

Analogous

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



2F0717



300902



291000

Triad

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



300902



001D00



001834

Complementary

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



300902



022930

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.



001C2F



300902



001F16

Square

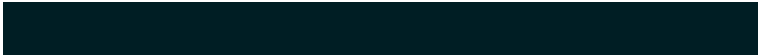
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



300902



0E1A00



001E24



151330

Rectangle

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



300902



221400



001E24



001A33

Sweetspot

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



300902



3D2E2B



300229



1F1614



9E9E9E



1F1F1F

Same Dimension

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



300902



3D0900



302002



171515



570D00



D62100

Inverse Universe

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



022930



00343D



021230



151717



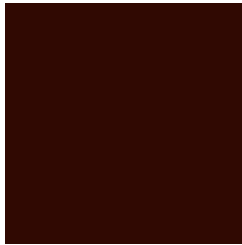
004A57



00B6D6

Previews

White Background



This preview shows how the Hex color 300902 looks on a white background.

Color Contrast Check

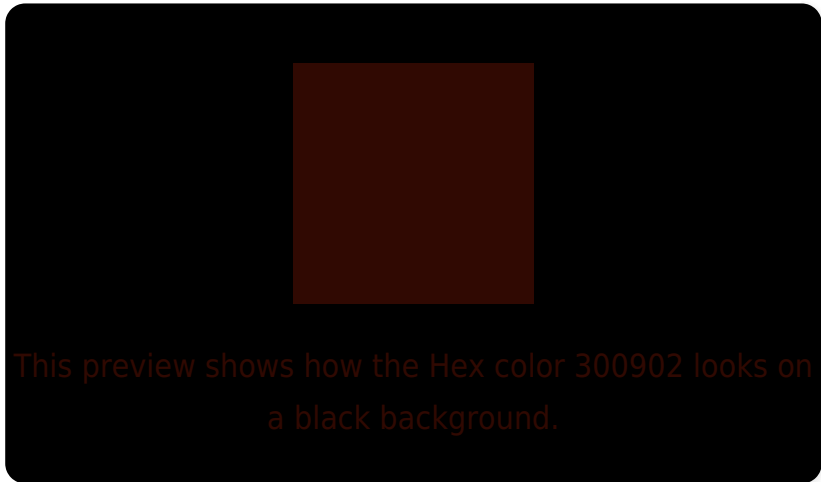
Large Text (above 18pt) WCAG AA ✓ Pass

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

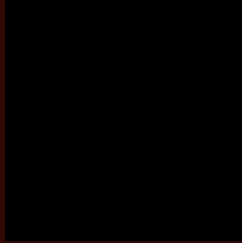
Any Text WCAG AA × Fail

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 300902 Background



This preview shows how black text looks on a background with the Hex color 300902.

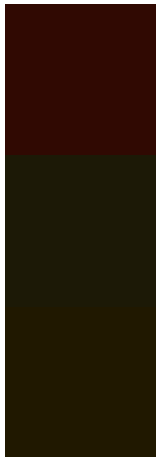


This preview shows how white text looks on a background with the Hex color 300902.

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
300902

Protanopia
1C1906

Deuteranopia
201800



Tritanopia
300808

Trichromacy



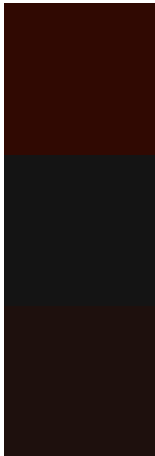
Original Color
300902

Protanomaly
231305

Deuteranomaly
261301

Tritanomaly
300806

Monochromacy



Original Color
300902

Achromatopsia
141414

Achromatomaly
1E100D

CSS Examples

Text

The CSS property to change the color of the text to Hex 300902 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 #300902 looks like.

```
.text, #text, p{  
    color:#300902  
}
```

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 #300902 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #300902
}
```

Border

The CSS property to change the border of an element to Hex 300902 is called "border". The border property can be set on classes, ids or directly on the HTML element.

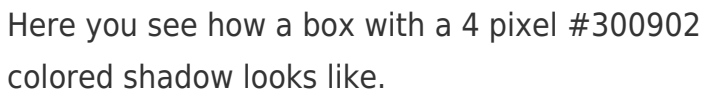
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#300902 }
```

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

```
.border{ border-color:#300902 }
```

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



Here you see how a box with a 4 pixel #300902 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #300902; -webkit-box-shadow:4px 4px  
4px 4px #300902; box-shadow:4px 4px 4px  
4px #300902 }
```

Background

The CSS property to change the background color of an element to Hex 300902 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#300902 }
```

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

```
.background{ background-color:#300902 }
```

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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