

Converting Colors

Hex(300208)

Have a look what the booklet for
Hex(300208) contains.

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Color

Hex(300208)

Conversions

Conversions Part 1

Format	Color
Hex	300208
RGB	48, 2, 8
RGB Percent	19%, 1%, 3%
CMY	0.8118, 0.9922, 0.9686
CMYK	0.00, 0.96, 0.83, 0.81
HSL	352°, 92%, 10%
HSV	352°, 96%, 19%
XYZ	1.2845, 0.6893, 0.2951
YIQ	16.4380, 25.4900, 11.6180

Conversions

Conversions Part 2

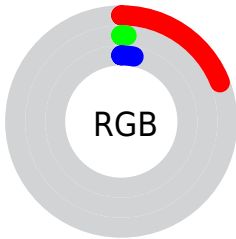
Format	Color
RYB	48, 2, 8
Decimal	3146248
CIELab	6.23, 23.29, 6.51
CIELCh	6, 24.186, 15.627
Yxy	0.6893, 0.5661, 0.3038
Android (android.graphics.Color)	4281336328 (0xFF300208)
YUV	16.4380, -4.1599, 27.6799
Hunter-Lab	8.3026, 13.0856, 3.7046

Details

The Hex color **300208** is a dark color, and the websafe version is hex **330000**. A complement of this color would be **02302A**, and the grayscale version is **101010**.

A 20% lighter version of the original color is **612F35**, and **000000** is the 20% darker color. If you saturate the color by 10%, you get **300006**, and if you desaturate by 10%, it is **30070C**.

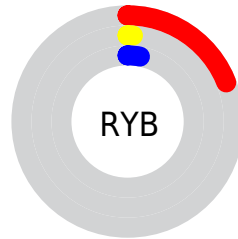
Distribution



Red (19%)

Green (1%)

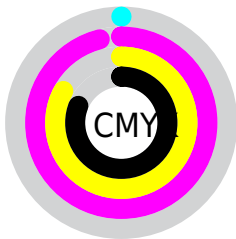
Blue (3%)



Red (19%)

Yellow (1%)

Blue (3%)

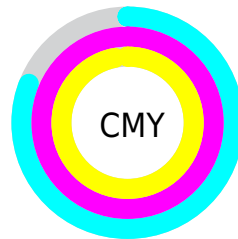


Cyan (0%)

Magenta (96%)

Yellow (83%)

Black (81%)



Cyan (81%)

Magenta (99%)

Yellow (97%)

Brightness & Saturation Gradients

These gradients show how the Hex color 300208 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 300208 by changing the saturation by 10% instead.

 300208

 300208

 FFE4E9

 110000

 612F35

 000000

 7B464C

 965E64

 B1777C

 CD9196

 EAACB1

 FFC8CC

 300208

 300208

■ 300006

■ 30070C

■ 300C10

■ 301015

■ 301519

■ 301A1D

■ 301F21

■ 302425

■ 302829

■ 302D2E

Harmonies

Analogous

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



2C031C



300208



2C0800

Triad

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



300208



001B00



001833

Complementary

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



300208



02302A

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.



001C2A



300208



001D07

Square

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



300208



111600



001D1C



001333

Rectangle

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



300208



250E00



001D1C



001A31

Sweetspot

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



300208



3D2B2E



2A0230



1F1415



9E9E9E



1F1F1F

Same Dimension

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



300208



3D0008



301302



171515



57000B



D6001C

Inverse Universe

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



300208



3D0008



021F30



171515



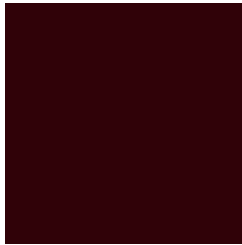
57000B



D6001C

Previews

White Background



This preview shows how the Hex color 300208 looks on a white background.

Color Contrast Check

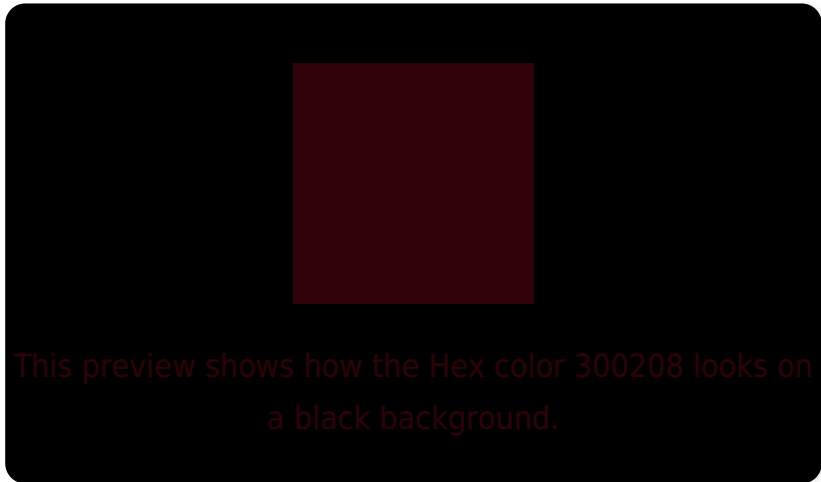
Large Text (above 18pt) WCAG AA ✓ Pass

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

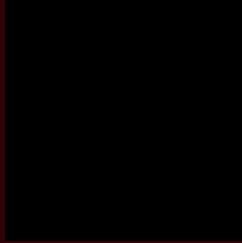
Any Text WCAG AA × Fail

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 300208 Background



This preview shows how black text looks on a background with the Hex color 300208.

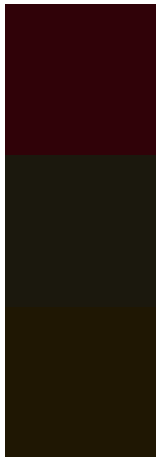


This preview shows how white text looks on a background with the Hex color 300208.

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](#).

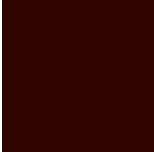
Dichromacy



Original Color
300208

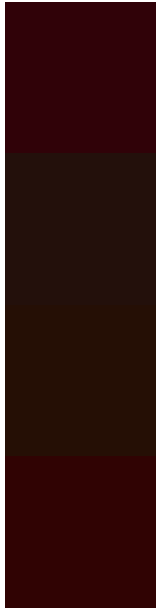
Protanopia
1B180D

Deuteranopia
1F1703



Tritanopia
300400

Trichromacy



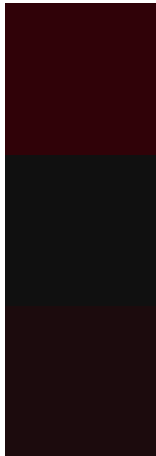
Original Color
300208

Protanomaly
23100B

Deuteranomaly
250F05

Tritanomaly
300303

Monochromacy



Original Color
300208

Achromatopsia
101010

Achromatomaly
1C0B0D

CSS Examples

Text

The CSS property to change the color of the text to Hex 300208 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 #300208 looks like.

```
.text, #text, p{  
    color:#300208  
}
```

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 #300208 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #300208
}
```

Border

The CSS property to change the border of an element to Hex 300208 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".

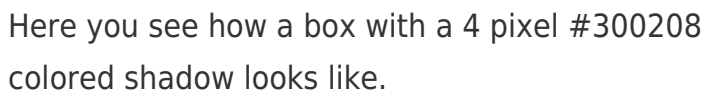
```
.border, #border, table{ border:4px solid
#300208 }
```

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

```
.border{ border-color:#300208 }
```

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

Here you see how a box with a 4 pixel #300208 colored shadow looks like.

A rectangular box with a dark red border and a dark red shadow. The box is white with a thin dark red border on the top and left sides, and a thicker dark red shadow on the bottom and right sides.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #300208; -webkit-box-shadow:4px 4px  
4px 4px #300208; box-shadow:4px 4px 4px  
4px #300208 }
```

Background

The CSS property to change the background color of an element to Hex 300208 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#300208 }
```

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

```
.background{ background-color:#300208 }
```

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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