

# Converting Colors

Hex(300403)

Have a look what the booklet for  
Hex(300403) contains.

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**Color**

**Hex(300403)**

# Conversions

## Conversions Part 1

Format	Color
Hex	300403
RGB	48, 4, 3
RGB Percent	19%, 2%, 1%
CMY	0.8118, 0.9843, 0.9882
CMYK	0.00, 0.92, 0.94, 0.81
HSL	1°, 88%, 10%
HSV	1°, 94%, 19%
XYZ	1.2788, 0.7218, 0.1581
YIQ	17.0420, 26.5450, 9.0170

# Conversions

## Conversions Part 2

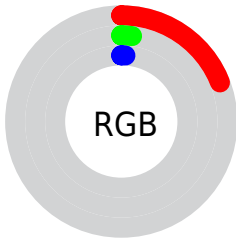
Format	Color
<a href="#">RYB</a>	<a href="#">48, 4, 3</a>
Decimal	<a href="#">3146755</a>
CIELab	<a href="#">6.52, 21.85, 8.98</a>
CIELCh	<a href="#">7, 23.625, 22.341</a>
Yxy	<a href="#">0.7218, 0.5924, 0.3344</a>
Android (android.graphics.Color)	<a href="#">4281336835 (0xFF300403)</a>
YUV	<a href="#">17.0420, -6.9227, 27.1502</a>
Hunter-Lab	<a href="#">8.4958, 11.9999, 4.8439</a>

# Details

The Hex color **300403** is a dark color, and the websafe version is hex **330000**. A complement of this color would be **032F30**, and the grayscale version is **111111**.

A 20% lighter version of the original color is **613132**, and **000000** is the 20% darker color. If you saturate the color by 10%, you get **300100**, and if you desaturate by 10%, it is **300908**.

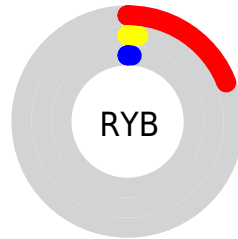
# Distribution



Red (19%)

Green (2%)

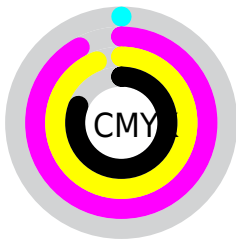
Blue (1%)



Red (19%)

Yellow (2%)

Blue (1%)

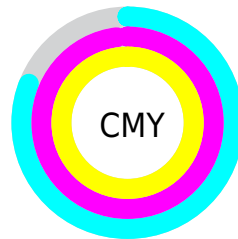


Cyan (0%)

Magenta (92%)

Yellow (94%)

Black (81%)



Cyan (81%)

Magenta (98%)

Yellow (99%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 300403 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 300403 by changing the saturation by 10% instead.



 300403

 300403

 FFE6E5

 110000

 613132

 000000

 7B4848

 966060

 B17979

 CD9393

 EAAEAD

 FFC9C9

 300403

 300403

■ 300100

■ 300908

■ 300D0D

■ 301211

■ 301716

■ 301B1B

■ 302020

■ 302525

■ 302A29

■ 302E2E

# Harmonies

## Analogous

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



2E0419



300403



2A0B00

# Triad

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



300403



001C00



001833

# Complementary

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



300403



032F30

# 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.



001C2D



300403



001E0E

# Square

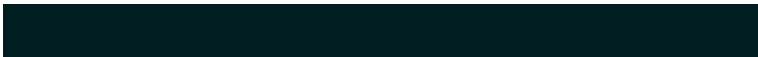
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



300403



0D1800



001E20



0A1231

# Rectangle

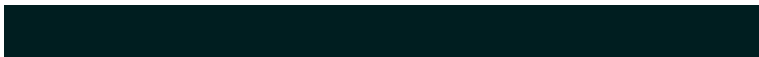
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



300403



231000



001E20



001932



# Sweetspot

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



300403



3D2C2C



30032F



1F1414



9E9E9E



1F1F1F



# Same Dimension

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



300403



3D0100



301A03



171515



570200



D60500



# Inverse Universe

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



032F30



003C3D



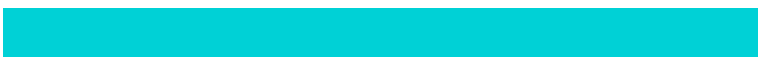
031930



151717



005557

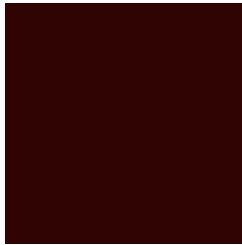


00D1D6



# Previews

## White Background



This preview shows how the Hex color 300403 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

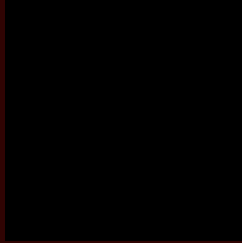
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 300403 Background



This preview shows how black text looks on a background with the Hex color 300403.

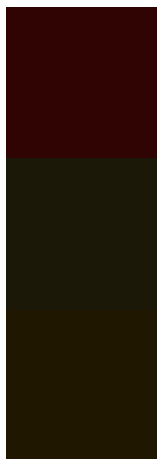


This preview shows how white text looks on a background with the Hex color 300403.

# 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](#).

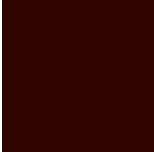
## Dichromacy



**Original Color**  
300403

**Protanopia**  
1B1807

**Deuteranopia**  
1F1700



**Tritanopia**  
300400

# Trichromacy



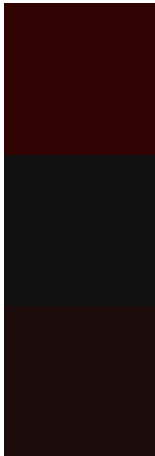
**Original Color**  
300403

**Protanomaly**  
231106

**Deuteranomaly**  
251001

**Tritanomaly**  
300401

# Monochromacy



**Original Color**  
300403

**Achromatopsia**  
111111

**Achromatomaly**  
1C0C0C

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 300403 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 #300403 looks like.

```
.text, #text, p{  
    color:#300403  
}
```

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 #300403 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #300403
}
```

## Border

The CSS property to change the border of an element to Hex 300403 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
#300403 }
```

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

```
.border{ border-color:#300403 }
```

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

Here you see how a box with a 4 pixel #300403 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #300403; -webkit-box-shadow:4px 4px  
4px 4px #300403; box-shadow:4px 4px 4px  
4px #300403 }
```

# Background

The CSS property to change the background color of an element to Hex 300403 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#300403 }
```

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

```
.background{ background-color:#300403 }
```

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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