

# Converting Colors

Hex(300507)

Have a look what the booklet for  
Hex(300507) contains.

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**Color**

**Hex(300507)**

# Conversions

## Conversions Part 1

Format	Color
Hex	300507
RGB	48, 5, 7
RGB Percent	19%, 2%, 3%
CMY	0.8118, 0.9804, 0.9725
CMYK	0.00, 0.90, 0.85, 0.81
HSL	357°, 81%, 10%
HSV	357°, 90%, 19%
XYZ	1.3115, 0.7523, 0.2771
YIQ	18.0850, 24.9860, 9.7380

# Conversions

## Conversions Part 2

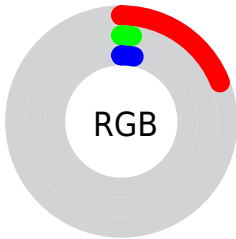
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	<a href="#">48, 5, 7</a>
Decimal	<a href="#">3147015</a>
CIELab	<a href="#">6.80, 21.67, 7.75</a>
CIElCh	<a href="#">7, 23.017, 19.682</a>
Yxy	<a href="#">0.7523, 0.5603, 0.3214</a>
Android (android.graphics.Color)	<a href="#">4281337095 (0xFF300507)</a>
YUV	<a href="#">18.0850, -5.4649, 26.2355</a>
Hunter-Lab	<a href="#">8.6733, 11.8139, 4.1772</a>

# Details

The Hex color **300507** is a dark color, and the websafe version is hex **330000**. A complement of this color would be **05302E**, and the grayscale version is **121212**.

A 20% lighter version of the original color is **613134**, and **000000** is the 20% darker color. If you saturate the color by 10%, you get **300002**, and if you desaturate by 10%, it is **300A0C**.

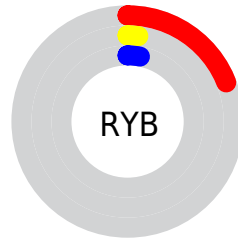
# Distribution



Red (19%)

Green (2%)

Blue (3%)



Red (19%)

Yellow (2%)

Blue (3%)

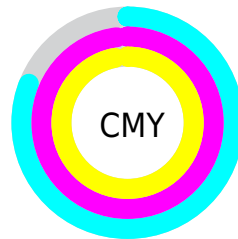


Cyan (0%)

Magenta (90%)

Yellow (85%)

Black (81%)



Cyan (81%)

Magenta (98%)

Yellow (97%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 300507 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 300507 by changing the saturation by 10% instead.




 300507

 300507

 FFE7E8

 120000

 613134

 000000

 7B494B

 966163

 B17A7C

 CD9495

 EAAFB0

 FFCACC

 300507

 300507

■ 300002

■ 300A0C

■ 300F10

■ 301315

■ 301819

■ 301D1E

■ 302222

■ 302727

■ 302B2C

■ 303030

# Harmonies

## Analogous

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



2D051B



300507



2B0B00

# Triad

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



300507



001C00



001933

# Complementary

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



300507



05302E

# 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.



001C2C



300507



001E0D

# Square

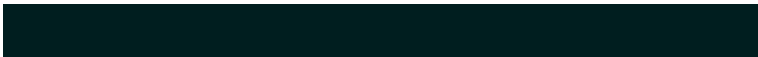
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



300507



111800



001E1F



081332

# Rectangle

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



300507



241000



001E1F



001A31



# Sweetspot

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



300507



3D2D2D



2E0530



1F1515



9E9E9E



1F1F1F



# Same Dimension

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



300507



3D0003



301805



171515



570004



D6000A



# Inverse Universe

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



300507



3D0003



051D30



171515



570004

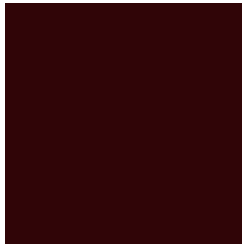


D6000A



# Previews

## White Background



This preview shows how the Hex color 300507 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

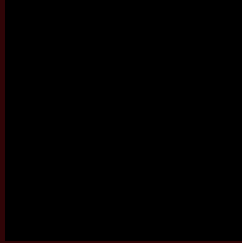
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 300507 Background



This preview shows how black text looks on a background with the Hex color 300507.

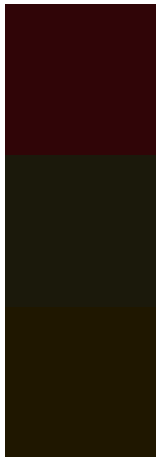


This preview shows how white text looks on a background with the Hex color 300507.

# 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**  
300507

**Protanopia**  
1B190B

**Deuteranopia**  
1F1700



**Tritanopia**  
300504

# Trichromacy



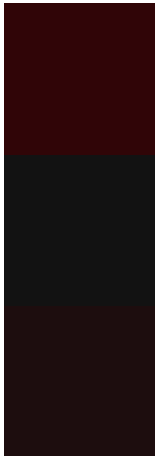
**Original Color**  
300507

**Protanomaly**  
23120A

**Deuteranomaly**  
251003

**Tritanomaly**  
300505

# Monochromacy



**Original Color**  
300507

**Achromatopsia**  
121212

**Achromatomaly**  
1D0D0E

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 300507 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 #300507 looks like.

```
.text, #text, p{  
  color:#300507  
}
```

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 #300507 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #300507
}
```

## Border

The CSS property to change the border of an element to Hex 300507 is called "border". The border property can be set on classes, ids or directly on the HTML element.

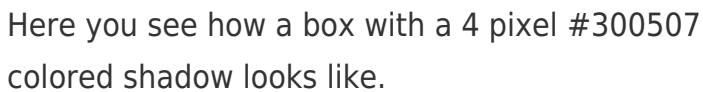
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#300507 }
```

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

```
.border{ border-color:#300507 }
```

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



Here you see how a box with a 4 pixel #300507 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #300507; -webkit-box-shadow:4px 4px  
4px 4px #300507; box-shadow:4px 4px 4px  
4px #300507 }
```

# Background

The CSS property to change the background color of an element to Hex 300507 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#300507 }
```

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

```
.background{ background-color:#300507 }
```

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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