

Converting Colors

Hex(999905)

Have a look what the booklet for
Hex(999905) contains.

Hex(999905)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(999905)

Conversions

Conversions Part 1

Format	Color
Hex	999905
RGB	153, 153, 5
RGB Percent	60%, 60%, 2%
CMY	0.4000, 0.4000, 0.9804
CMYK	0.00, 0.00, 0.97, 0.40
HSL	60°, 94%, 31%
HSV	60°, 97%, 60%
XYZ	24.5555, 29.5657, 4.5561
YIQ	136.1280, 47.5080, -46.0280

Conversions

Conversions Part 2

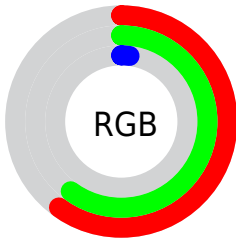
Format	Color
R_{YB}	5, 153, 5
Decimal	10066181
CIE _{Lab}	61.28, -14.64, 63.80
CIE _{LCh}	61, 65.462, 102.927
Yxy	29.5657, 0.4185, 0.5039
Android (android.graphics.Color)	4288256261 (0xFF999905)
YUV	136.1280, -64.6461, 14.7967
Hunter-Lab	54.3744, -14.5445, 33.0941

Details

The Hex color **999905** is a dark color, and the websafe version is hex **999900**. A complement of this color would be **050599**, and the grayscale version is **898989**.

A 20% lighter version of the original color is **D3CF4A**, and **626600** is the 20% darker color. If you saturate the color by 10%, you get **999900**, and if you desaturate by 10%, it is **999914**.

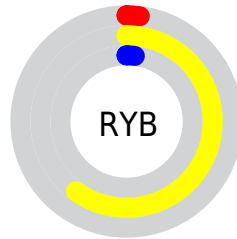
Distribution



Red (60%)

Green (60%)

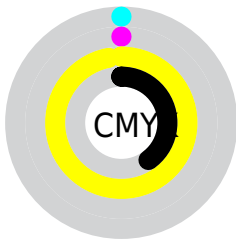
Blue (2%)



Red (2%)

Yellow (60%)

Blue (2%)

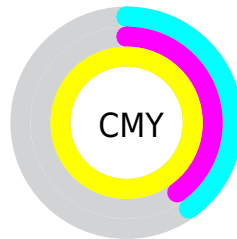


Cyan (0%)

Magenta (0%)

Yellow (97%)

Black (40%)



Cyan (40%)

Magenta (40%)

Yellow (98%)

Brightness & Saturation Gradients

These gradients show how the Hex color 999905 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 999905 by changing the saturation by 10% instead.

■ 999905

■ 999905

FFFFFF

■ 7D7F00

■ D3CF4A

■ 626600

■ F0EB66

■ 474E00

■ FFFF81

■ 2D3800

■ FFFF9D

■ 142200

■ FFFFB9

■ 000900

■ FFFFD6

■ 000000

■ FFFFF3

■ 999905

■ 999905

■ 999900

■ 999914

■ 999924

■ 999933

■ 999942

■ 999952

■ 999961

■ 999970

■ 99997F

■ 99998F

Harmonies

Analogous

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



CB8518



999905



57A638

Triad

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



999905



00ADE2



EB60B7

Complementary

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



999905



050599

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.



B679E9



999905



00A4FF

Square

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



999905



00AFAC



4792FF



FC5A7D

Rectangle

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



999905



00AB5C



4792FF



DE68CA

Sweetspot

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



999905



C7C78D



990505



636341



E3E3E3



636363

Same Dimension

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



999905



C7C700



4F9905



4D4D45



8C8C00



0D0D00

Inverse Universe

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



050599



0000C7



4F0599



45454D



00008C



00000D

Previews

White Background



This preview shows how the Hex color 999905 looks on a white background.

Color Contrast Check

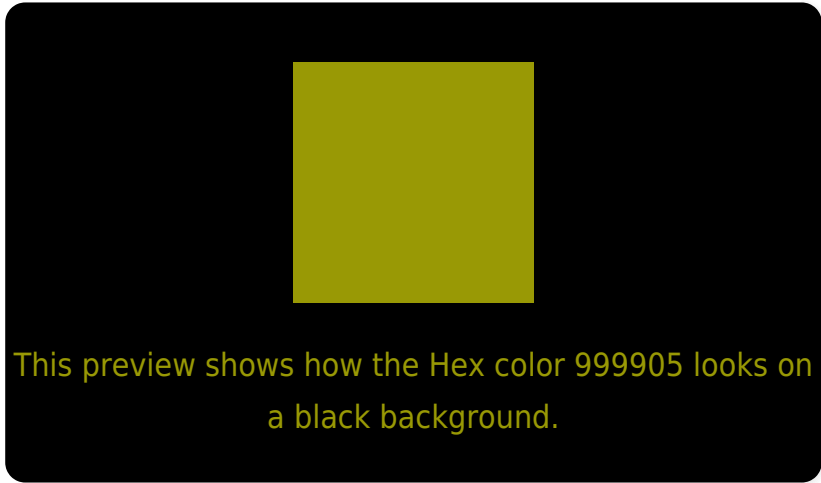
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black 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 × Fail

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

Hex 999905 Background



This preview shows how black text looks on a background with the Hex color 999905.



This preview shows how white text looks on a background with the Hex color 999905.

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
999905

Protanopia
A79400

Deuteranopia
BB8C17



Tritanopia
A38E99

Trichromacy



Original Color
999905

Protanomaly
A29602

Deuteranomaly
AF9110

Tritanomaly
9F9263

Monochromacy



Original Color
999905

Achromatopsia
888888

Achromatomaly
8E8E58

CSS Examples

Text

The CSS property to change the color of the text to Hex 999905 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 #999905 looks like.

```
.text, #text, p{  
    color:#999905  
}
```

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 #999905 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #999905
}
```

Border

The CSS property to change the border of an element to Hex 999905 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
#999905 }
```

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

```
.border{ border-color:#999905 }
```

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

Here you see how a box with a 4 pixel #999905 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #999905; -webkit-box-shadow:4px 4px  
4px 4px #999905; box-shadow:4px 4px 4px  
4px #999905 }
```

Background

The CSS property to change the background color of an element to Hex 999905 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#999905 }
```

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

```
.background{ background-color:#999905 }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor