

# Converting Colors

Hex(626903)

Have a look what the booklet for  
Hex(626903) contains.

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**Color**

**Hex(626903)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	626903
RGB	98, 105, 3
RGB Percent	38%, 41%, 1%
CMY	0.6157, 0.5882, 0.9882
CMYK	0.07, 0.00, 0.97, 0.59
HSL	64°, 94%, 21%
HSV	64°, 97%, 41%
XYZ	10.1050, 12.7064, 2.0061
YIQ	91.2790, 28.5700, -33.2060

# Conversions

## Conversions Part 2

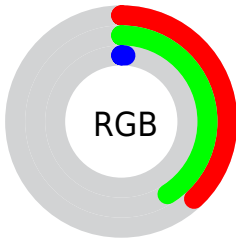
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	3, 105, 10
Decimal	6449411
CIE <sub>Lab</sub>	42.32, -14.50, 47.72
CIE <sub>LCh</sub>	42, 49.878, 106.903
Yxy	12.7064, 0.4072, 0.5120
Android (android.graphics.Color)	4284639491 (0xFF626903)
YUV	91.2790, -43.5215, 5.8943
Hunter-Lab	35.6460, -11.7790, 21.6154

# Details

The Hex color **626903** is a dark color, and the websafe version is hex **666600**. A complement of this color would be **0A0369**, and the grayscale version is **5C5C5C**.

A 20% lighter version of the original color is **989C3D**, and **2F3A00** is the 20% darker color. If you saturate the color by 10%, you get **626900**, and if you desaturate by 10%, it is **63690D**.

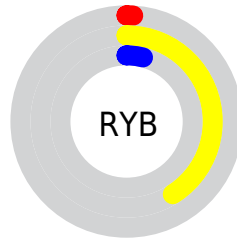
# Distribution



Red (38%)

Green (41%)

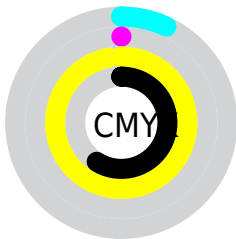
Blue (1%)



Red (1%)

Yellow (41%)

Blue (4%)

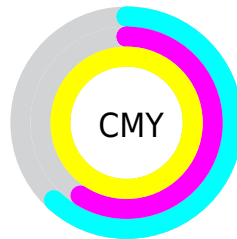


Cyan (7%)

Magenta (0%)

Yellow (97%)

Black (59%)



Cyan (62%)

Magenta (59%)

Yellow (99%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 626903 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 626903 by changing the saturation by 10% instead.



 626903

 626903

 FFFFFC

 485100

 989C3D

 2F3A00

 B4B757

 172500

 D0D271

 000F00

 EDEF8B

 000000

 FFFFA7

 FFFFC2

 FFFFDF

 626903

 626903

■ 626900

■ 63690D

■ 636918

■ 646923

■ 65692D

■ 666938

■ 666942

■ 67694D

■ 686957

■ 686962

# Harmonies

## Analogous

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



875B06



626903



307227

# Triad

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



626903



00759F



A53E78

# Complementary

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



626903



0A0369

# 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.



834E9D



626903



006EB4

# Square

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



626903



00777B



3D61B3



AE3C4E

# Rectangle

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



626903



007542



3D61B3



9C4285



# Sweetspot

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



626903



878A62



690A03



43452D



C4C4C4



454545



# Same Dimension

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



626903



808A00



2F6903



353630



6D7500



E4F500



# Inverse Universe

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



0A0369



09008A



3D0369



313036



080075



1100F5



# Previews

## White Background



This preview shows how the Hex color 626903 looks on a white background.

## Color Contrast Check

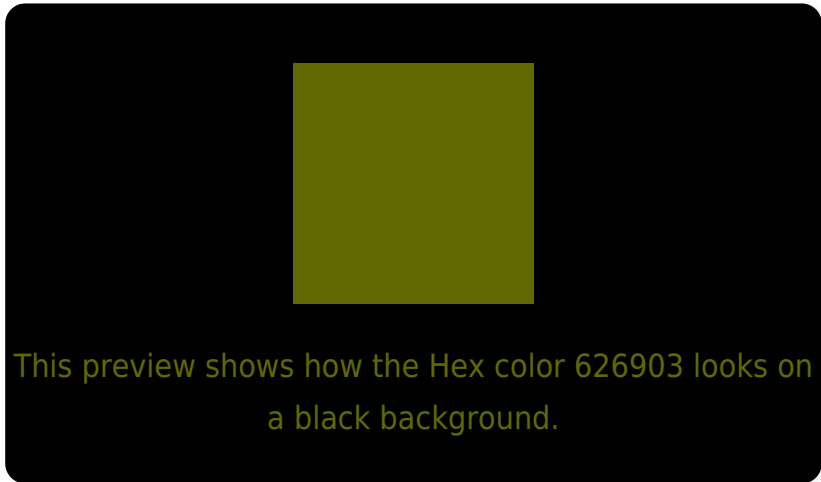
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

# Black 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

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



## Hex 626903 Background



This preview shows how black text looks on a background with the Hex color 626903.



This preview shows how white text looks on a background with the Hex color 626903.

# 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**  
626903

**Protanopia**  
716400

**Deuteranopia**  
7E5F11



**Tritanopia**  
696269

# Trichromacy



**Original Color**  
626903

**Protanomaly**  
6C6601

**Deuteranomaly**  
74630C

**Tritanomaly**  
666544

# Monochromacy



**Original Color**  
626903

**Achromatopsia**  
5B5B5B

**Achromatomaly**  
5E603B

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 626903 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 #626903 looks like.

```
.text, #text, p{  
    color:#626903  
}
```

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 #626903 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #626903
}
```

## Border

The CSS property to change the border of an element to Hex 626903 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
#626903 }
```

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

```
.border{ border-color:#626903 }
```

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

Here you see how a box with a 4 pixel #626903 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #626903; -webkit-box-shadow:4px 4px  
4px 4px #626903; box-shadow:4px 4px 4px  
4px #626903 }
```

# Background

The CSS property to change the background color of an element to Hex 626903 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#626903 }
```

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

```
.background{ background-color:#626903 }
```

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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