

Converting Colors

Hex(616903)

Have a look what the booklet for
Hex(616903) contains.

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Color

Hex(616903)

Conversions

Conversions Part 1

Format	Color
Hex	616903
RGB	97, 105, 3
RGB Percent	38%, 41%, 1%
CMY	0.6196, 0.5882, 0.9882
CMYK	0.08, 0.00, 0.97, 0.59
HSL	65°, 94%, 21%
HSV	65°, 97%, 41%
XYZ	9.9978, 12.6511, 2.0011
YIQ	90.9800, 27.9740, -33.4180

Conversions

Conversions Part 2

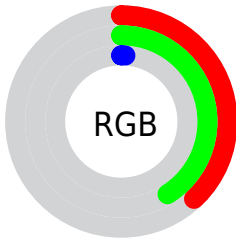
Format	Color
R_{YB}	3, 105, 11
Decimal	6383875
CIE _{Lab}	42.23, -14.98, 47.62
CIE _{LCh}	42, 49.922, 107.460
Yxy	12.6511, 0.4056, 0.5132
Android (android.graphics.Color)	4284573955 (0xFF616903)
YUV	90.9800, -43.3741, 5.2795
Hunter-Lab	35.5684, -12.0709, 21.5622

Details

The Hex color **616903** is a dark color, and the websafe version is hex **666600**. A complement of this color would be **0B0369**, and the grayscale version is **5B5B5B**.

A 20% lighter version of the original color is **979C3D**, and **2E3A00** is the 20% darker color. If you saturate the color by 10%, you get **616900**, and if you desaturate by 10%, it is **62690D**.

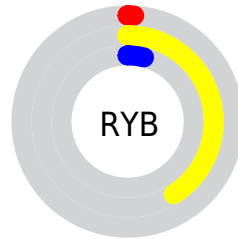
Distribution



Red (38%)

Green (41%)

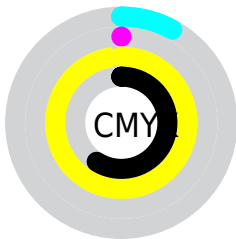
Blue (1%)



Red (1%)

Yellow (41%)

Blue (4%)

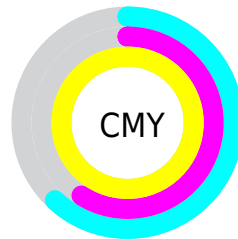


Cyan (8%)

Magenta (0%)

Yellow (97%)

Black (59%)



Cyan (62%)


Magenta (59%)

Yellow (99%)

Brightness & Saturation Gradients

These gradients show how the Hex color 616903 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 616903 by changing the saturation by 10% instead.

 616903

 616903

 FFFFFC

 475100

 979C3D

 2E3A00

 B2B757

 162500

 CFD271

 000F00

 ECEF8B

 000000

 FFFFA6

 FFFFC2

 FFFFDF

 616903

 616903

■ 616900

■ 62690D

■ 636918

■ 636923

■ 64692D

■ 656938

■ 666942

■ 67694D

■ 686957

■ 686962

Harmonies

Analogous

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



865C05



616903



2E7128

Triad

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



616903



0075A0



A53D77

Complementary

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



616903



0B0369

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.



844E9C



616903



006DB4

Square

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



616903



00777B



3F60B3



AD3C4D

Rectangle

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



616903



007542



3F60B3



9D4284

Sweetspot

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



616903



878A62



690A03



43452D



C4C4C4



454545

Same Dimension

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



616903



7F8A00



2F6903



353630



6C7500



E2F500

Inverse Universe

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



0B0369



0B008A



3D0369



313036



090075



1300F5

Previews

White Background



This preview shows how the Hex color 616903 looks on a white background.

Color Contrast Check

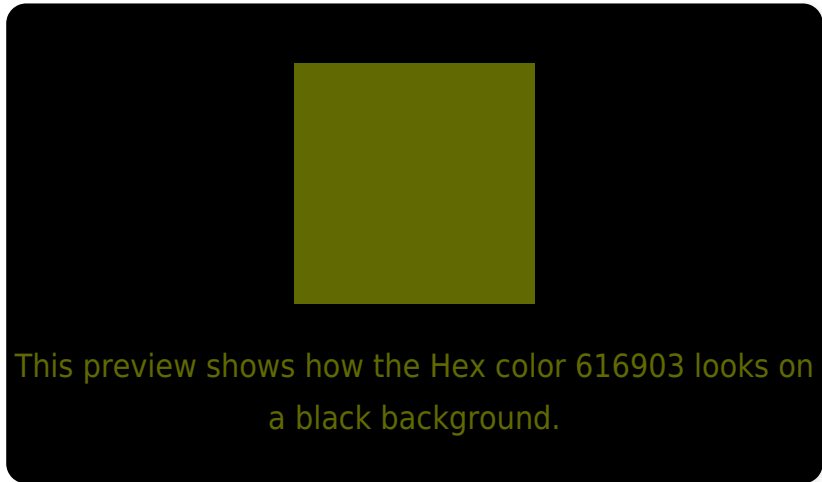
Large Text (above 18pt) WCAG AA ✓ Pass

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

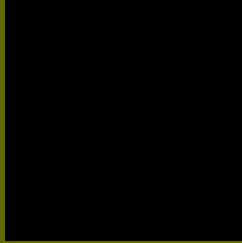
Any Text WCAG AA × Fail

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 616903 Background



This preview shows how black text looks on a background with the Hex color 616903.



This preview shows how white text looks on a background with the Hex color 616903.

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
616903

Protanopia
716400

Deuteranopia
7E5F11



Tritanopia
696269

Trichromacy



Original Color
616903

Protanomaly
6B6601

Deuteranomaly
73630C

Tritanomaly
666544

Monochromacy



Original Color
616903

Achromatopsia
5B5B5B

Achromatomaly
5D603B

CSS Examples

Text

The CSS property to change the color of the text to Hex 616903 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 #616903 looks like.

```
.text, #text, p{  
    color:#616903  
}
```

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 #616903 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #616903
}
```

Border

The CSS property to change the border of an element to Hex 616903 is called "border". The border property can be set on classes, ids or directly on the HTML element.

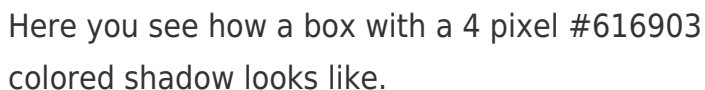
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#616903 }
```

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

```
.border{ border-color:#616903 }
```

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



Here you see how a box with a 4 pixel #616903 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #616903; -webkit-box-shadow:4px 4px  
4px 4px #616903; box-shadow:4px 4px 4px  
4px #616903 }
```

Background

The CSS property to change the background color of an element to Hex 616903 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#616903 }
```

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

```
.background{ background-color:#616903 }
```

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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