

# Converting Colors

Hex(616A11)

Have a look what the booklet for  
Hex(616A11) contains.

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**Color**

**Hex(616A11)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	616A11
RGB	97, 106, 17
RGB Percent	38%, 42%, 7%
CMY	0.6196, 0.5843, 0.9333
CMYK	0.08, 0.00, 0.84, 0.58
HSL	66°, 72%, 24%
HSV	66°, 84%, 42%
XYZ	10.1850, 12.8899, 2.4815
YIQ	93.1630, 23.2050, -29.5870

# Conversions

## Conversions Part 2

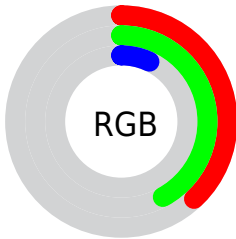
<b>Format</b>	<b>Color</b>
<b>RYB</b>	17, 106, 26
Decimal	6384145
CIELab	42.60, -15.08, 44.32
CIELCh	43, 46.821, 108.793
Yxy	12.8899, 0.3985, 0.5044
Android (android.graphics.Color)	4284574225 (0xFF616A11)
YUV	93.1630, -37.5484, 3.3650
Hunter-Lab	35.9025, -12.1919, 21.0338

# Details

The Hex color **616A11** is a dark color, and the websafe version is hex **666600**. A complement of this color would be **1A116A**, and the grayscale version is **5E5E5E**.

A 20% lighter version of the original color is **969D45**, and **2F3B00** is the 20% darker color. If you saturate the color by 10%, you get **606A06**, and if you desaturate by 10%, it is **626A1C**.

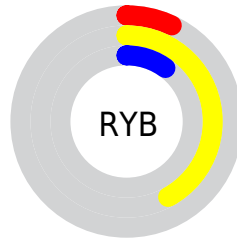
# Distribution



 Red (38%)

 Green (42%)

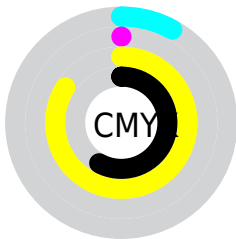
 Blue (7%)




 Red (7%)

 Yellow (42%)

 Blue (10%)

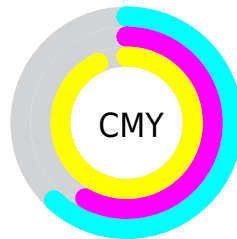



 Cyan (8%)

 Magenta (0%)

 Yellow (84%)

 Black (58%)



 Cyan (62%)

 Magenta (58%)

 Yellow (93%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 616A11 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 616A11 by changing the saturation by 10% instead.



616A11

616A11

FFFFFF

475200

969D45

2F3B00

B2B85F

162500

CED478

001100

EBF093

000000

FFFFAE

FFFPCA

FFFFE7

616A11

616A11

■ 606A06

■ 626A1C

■ 5F6A00

■ 636A26

■ 646A31

■ 656A3B

■ 666A46

■ 676A51

■ 696A5B

■ 6A6A66

■ 6B6A70

# Harmonies

## Analogous

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



845E10



616A11



32722E

# Triad

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



616A11



00749E



A34175

# Complementary

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



616A11



1A116A

# 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.



854F98



616A11



006DB0

# Square

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



616A11



00777C



4960AE



AA414E

# Rectangle

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



616A11



007547



4960AE



9C4581



# Sweetspot

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



616A11



868A67



6A1A11



434530



C4C4C4



454545



# Same Dimension

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



616A11



7C8A00



356A11



353630



697500



DCF500



# Inverse Universe

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



1A116A



0E008A



46116A



313036



0C0075



1900F5



# Previews

## White Background



This preview shows how the Hex color 616A11 looks on a white background.

## Color Contrast Check

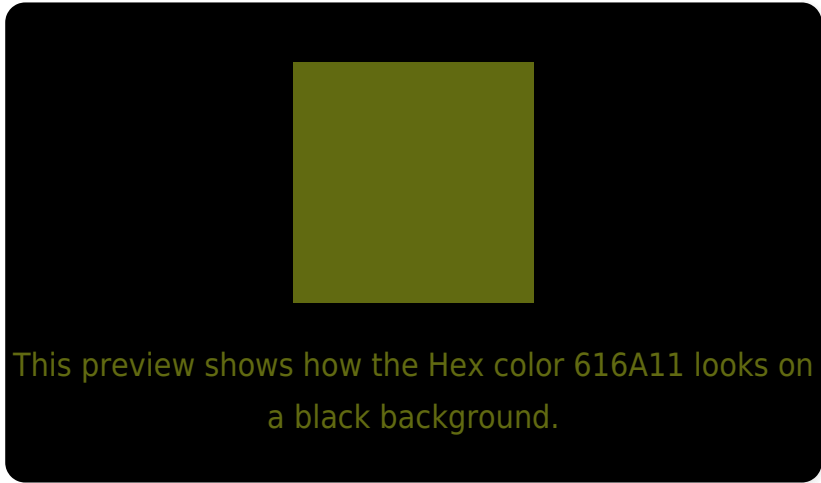
Large Text (above 18pt) WCAG AA ✓ Pass

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

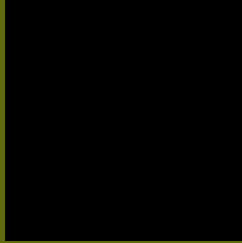
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 616A11 Background



This preview shows how black text looks on a background with the Hex color 616A11.



This preview shows how white text looks on a background with the Hex color 616A11.

# 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**  
616A11

**Protanopia**  
71650F

**Deuteranopia**  
7F5F18



**Tritanopia**  
69636A

# Trichromacy



**Original Color**  
616A11

**Protanomaly**  
6B6710

**Deuteranomaly**  
746315

**Tritanomaly**  
66664A

# Monochromacy



**Original Color**  
616A11

**Achromatopsia**  
5D5D5D

**Achromatomaly**  
5E6241

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 616A11 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 #616A11 looks like.

```
.text, #text, p{  
    color:#616A11  
}
```

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 #616A11 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #616A11
}
```

## Border

The CSS property to change the border of an element to Hex 616A11 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
#616A11 }
```

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

```
.border{ border-color:#616A11 }
```

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

Here you see how a box with a 4 pixel #616A11 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #616A11; -webkit-box-shadow:4px 4px  
4px 4px #616A11; box-shadow:4px 4px 4px  
4px #616A11 }
```

# Background

The CSS property to change the background color of an element to Hex 616A11 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#616A11 }
```

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

```
.background{ background-color:#616A11 }
```

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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