

Converting Colors

Hex(616A15)

Have a look what the booklet for
Hex(616A15) contains.

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Color

Hex(616A15)

Conversions

Conversions Part 1

Format	Color
Hex	616A15
RGB	97, 106, 21
RGB Percent	38%, 42%, 8%
CMY	0.6196, 0.5843, 0.9176
CMYK	0.08, 0.00, 0.80, 0.58
HSL	66°, 67%, 25%
HSV	66°, 80%, 42%
XYZ	10.2192, 12.9036, 2.6615
YIQ	93.6190, 21.9210, -28.3430

Conversions

Conversions Part 2

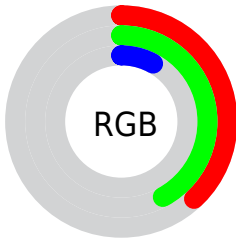
Format	Color
R_{YB}	21, 106, 30
Decimal	6384149
CIE Lab	42.62, -14.91, 43.02
CIE LCh	43, 45.531, 109.112
Yxy	12.9036, 0.3963, 0.5004
Android (android.graphics.Color)	4284574229 (0xFF616A15)
YUV	93.6190, -35.8012, 2.9651
Hunter-Lab	35.9216, -12.0822, 20.7522

Details

The Hex color **616A15** is a dark color, and the websafe version is hex **666600**. A complement of this color would be **1E156A**, and the grayscale version is **5E5E5E**.

A 20% lighter version of the original color is **969D48**, and **303B00** is the 20% darker color. If you saturate the color by 10%, you get **606A0A**, and if you desaturate by 10%, it is **626A20**.

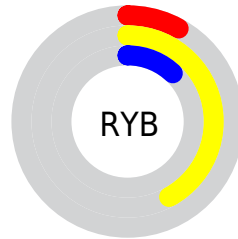
Distribution



Red (38%)

Green (42%)

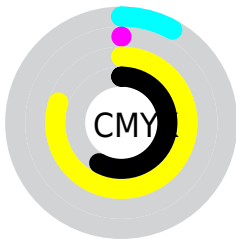
Blue (8%)



Red (8%)

Yellow (42%)

Blue (12%)

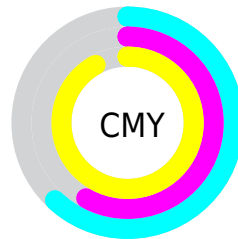


Cyan (8%)

Magenta (0%)

Yellow (80%)

Black (58%)



Cyan (62%)


Magenta (58%)


Yellow (92%)

Brightness & Saturation Gradients

These gradients show how the Hex color 616A15 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 616A15 by changing the saturation by 10% instead.

 616A15

 616A15

FFFFFF

 485200

 969D48

 303B00

 B2B861

 172500

 CED47B

 001100

 EBF096

 000000

 FFFFB1

 FFFFCD

 FFFF99

 616A15

 616A15

■ 606A0A

■ 626A20

■ 5F6A00

■ 636A2A

■ 646A35

■ 656A3F

■ 676A4A

■ 686A55

■ 696A5F

■ 6A6A6A

■ 6B6A74

Harmonies

Analogous

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



845E14



616A15



337231

Triad

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



616A15



00749D



A24374

Complementary

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



616A15



1E156A

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.



845096



616A15



006DAE

Square

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



616A15



00777C



4B60AC



A9424E

Rectangle

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



616A15



007548



4B60AC



9B4680

Sweetspot

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



616A15



868A69



6A1E15



434531



C4C4C4



454545

Same Dimension

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



616A15



7C8A06



376A15



353630



697500



DBF500

Inverse Universe

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



1E156A



14068A



48156A



313036



0C0075



1A00F5

Previews

White Background



This preview shows how the Hex color 616A15 looks on a white background.

Color Contrast Check

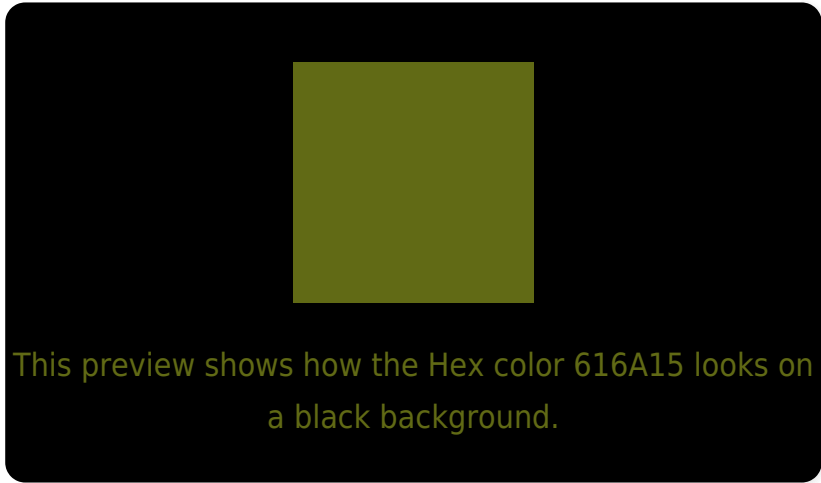
Large Text (above 18pt) WCAG AA ✓ Pass

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 616A15 Background



This preview shows how black text looks on a background with the Hex color 616A15.



This preview shows how white text looks on a background with the Hex color 616A15.

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
616A15

Protanopia
716514

Deuteranopia
7E5F1B



Tritanopia
69636A

Trichromacy



Original Color
616A15

Protanomaly
6B6714

Deuteranomaly
736319

Tritanomaly
66664B

Monochromacy



Original Color
616A15

Achromatopsia
5E5E5E

Achromatomaly
5F6243

CSS Examples

Text

The CSS property to change the color of the text to Hex 616A15 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 #616A15 looks like.

```
.text, #text, p{  
    color:#616A15  
}
```

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 #616A15 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #616A15
}
```

Border

The CSS property to change the border of an element to Hex 616A15 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
#616A15 }
```

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

```
.border{ border-color:#616A15 }
```

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

Here you see how a box with a 4 pixel #616A15 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #616A15; -webkit-box-shadow:4px 4px  
4px 4px #616A15; box-shadow:4px 4px 4px  
4px #616A15 }
```

Background

The CSS property to change the background color of an element to Hex 616A15 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#616A15 }
```

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

```
.background{ background-color:#616A15 }
```

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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