

# Converting Colors

Hex(614A15)

Have a look what the booklet for  
Hex(614A15) contains.

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**Color**

**Hex(614A15)**

# Conversions

## Conversions Part 1

Format	Color
Hex	614A15
RGB	97, 74, 21
RGB Percent	38%, 29%, 8%
CMY	0.6196, 0.7098, 0.9176
CMYK	0.00, 0.24, 0.78, 0.62
HSL	42°, 64%, 23%
HSV	42°, 78%, 38%
XYZ	7.5139, 7.4931, 1.7598
YIQ	74.8350, 30.7210, -11.6070

# Conversions

## Conversions Part 2

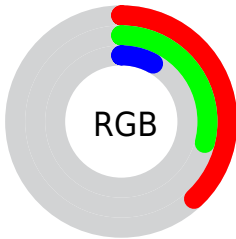
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	54, 97, 21
Decimal	6375957
CIE Lab	32.90, 3.80, 33.75
CIE LCh	33, 33.964, 83.579
Yxy	7.4931, 0.4481, 0.4469
Android (android.graphics.Color)	4284566037 (0xFF614A15)
YUV	74.8350, -26.5407, 19.4387
Hunter-Lab	27.3735, 1.0938, 15.3499

# Details

The Hex color **614A15** is a dark color, and the websafe version is hex **666633**. A complement of this color would be **152C61**, and the grayscale version is **4B4B4B**.

A 20% lighter version of the original color is **967A44**, and **2F1F00** is the 20% darker color. If you saturate the color by 10%, you get **61470B**, and if you desaturate by 10%, it is **614D1F**.

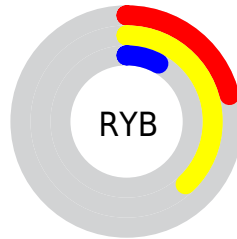
# Distribution



 Red (38%)

 Green (29%)

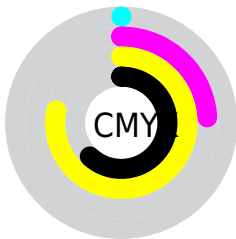
 Blue (8%)



 Red (21%)

 Yellow (38%)

 Blue (8%)

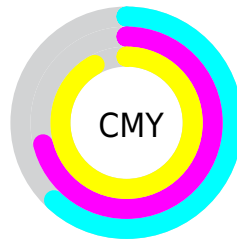


 Cyan (0%)

 Magenta (24%)

 Yellow (78%)

 Black (62%)



 Cyan (62%)

 Magenta (71%)

 Yellow (92%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 614A15 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 614A15 by changing the saturation by 10% instead.



 614A15

 614A15

FFFFFFE

 483400

 967A44

 2F1F00

 B2945C

 160700

 CEAF75

 000000

 EBCA8F

 FFE6AA

 FFFFC5

 FFFFEE2

 614A15

 614A15

■ 61470B

■ 614D1F

■ 614402

■ 615028

■ 614400

■ 615332

■ 61563C

■ 615945

■ 615C4F

■ 615F59

■ 616163

■ 61646C

# Harmonies

## Analogous

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



744023



614A15



475219

# Triad

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



614A15



005A62



693E6E

# Complementary

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



614A15



152C61

# 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.



45497F



614A15



005878

# Square

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



614A15



005A47



005283



7B3654

# Rectangle

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



614A15



325625



005283



5F4174



# Sweetspot

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



614A15



7D745F



61152D



403A2D



BFBFBF



404040



# Same Dimension

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



614A15



7D5907



536115



302F2C



704E00



F0A700



# Inverse Universe

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



152C61



072B7D



231561



2C2D30



002270

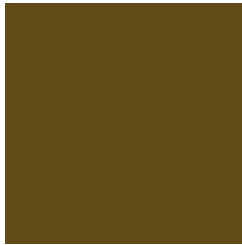


0049F0



# Previews

## White Background



This preview shows how the Hex color 614A15 looks on a white background.

## Color Contrast Check

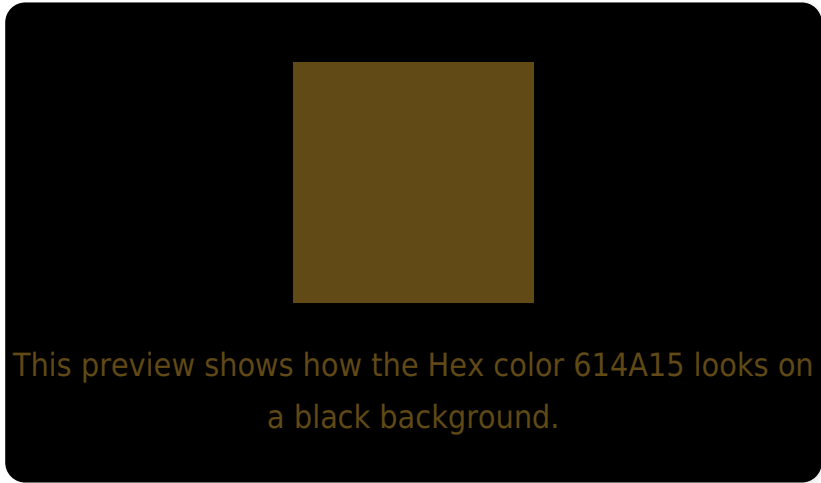
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

# Black Background



## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

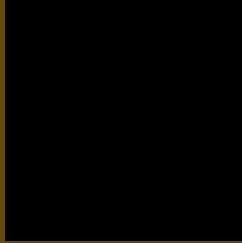
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 614A15 Background



This preview shows how black text looks on a background with the Hex color 614A15.



This preview shows how white text looks on a background with the Hex color 614A15.

# 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**  
614A15

**Protanopia**  
574E16

**Deuteranopia**  
624A15



**Tritanopia**  
64454A

# Trichromacy



**Original Color**  
614A15

**Protanomaly**  
5B4D16

**Deuteranomaly**  
624A15

**Tritanomaly**  
634737

# Monochromacy



**Original Color**  
614A15

**Achromatopsia**  
4B4B4B

**Achromatomaly**  
534B37

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 614A15 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 #614A15 looks like.

```
.text, #text, p{  
    color:#614A15  
}
```

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 #614A15 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #614A15
}
```

## Border

The CSS property to change the border of an element to Hex 614A15 is called "border". The border property can be set on classes, ids or directly on the HTML element.

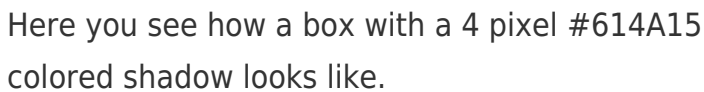
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#614A15 }
```

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

```
.border{ border-color:#614A15 }
```

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



Here you see how a box with a 4 pixel #614A15 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #614A15; -webkit-box-shadow:4px 4px  
4px 4px #614A15; box-shadow:4px 4px 4px  
4px #614A15 }
```

# Background

The CSS property to change the background color of an element to Hex 614A15 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#614A15 }
```

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

```
.background{ background-color:#614A15 }
```

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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