

# Converting Colors

Hex(642602)

Have a look what the booklet for  
Hex(642602) contains.

<b>Hex(642602)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	11
<b><i>Previews</i></b> .....	23
<b><i>Color Blindness Simulation</i></b> .....	26
<b><i>CSS Examples</i></b> .....	29

**Color**

**Hex(642602)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	642602
RGB	100, 38, 2
RGB Percent	39%, 15%, 1%
CMY	0.6078, 0.8510, 0.9922
CMYK	0.00, 0.62, 0.98, 0.61
HSL	22°, 96%, 20%
HSV	22°, 98%, 39%
XYZ	5.9596, 4.0999, 0.5347
YIQ	52.4340, 48.5080, 1.9480

# Conversions

## Conversions Part 2

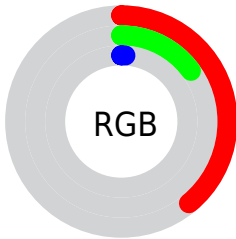
<b>Format</b>	<b>Color</b>
<b>R<sub>Y</sub>B</b>	100, 59, 2
Decimal	6563330
CIE Lab	24.00, 26.23, 33.73
CIE LCh	24, 42.727, 52.131
Yxy	4.0999, 0.5625, 0.3870
Android (android.graphics.Color)	4284753410 (0xFF642602)
YUV	52.4340, -24.8640, 41.7154
Hunter-Lab	20.2483, 17.1027, 12.6081

# Details

The Hex color **642602** is a dark color, and the websafe version is hex **663300**. A complement of this color would be **024064**, and the grayscale version is **353535**.

A 20% lighter version of the original color is **9C5531**, and **2F0000** is the 20% darker color. If you saturate the color by 10%, you get **642500**, and if you desaturate by 10%, it is **642C0C**.

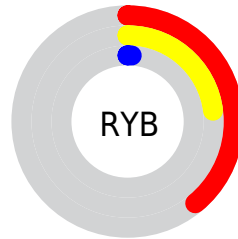
# Distribution



Red (39%)

Green (15%)

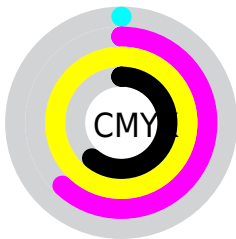
Blue (1%)



Red (39%)

Yellow (23%)

Blue (1%)

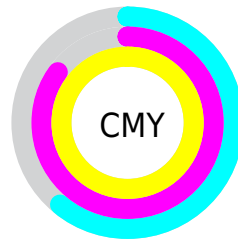


Cyan (0%)

Magenta (62%)

Yellow (98%)

Black (61%)



Cyan (61%)

Magenta (85%)

Yellow (99%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 642602 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 642602 by changing the saturation by 10% instead.



 642602

 642602

 FFFFE6

 490F00

 9C5531

 2F0000

 B96E48

 010000

 D78860

 000000

 F5A279

 FFBE93

 FFDAAE

 FFF6CA

 642602

 642602

■ 642500

■ 642C0C

■ 643316

■ 643920

■ 643F2A

■ 644634

■ 644C3E

■ 645248

■ 645952

■ 645F5C

# Harmonies

## Analogous

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



701523



642602



4E3500

# Triad

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



642602



00462F



213475

# Complementary

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



642602



024064

# 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.



004079



642602



004750

# Square

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



642602



00440D



00456C



572461

# Rectangle

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



642602



3C3C00



00456C



003979



# Sweetspot

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



642602



826A5C



640240



42342B



C2C2C2



424242



# Same Dimension

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



642602



823000



645702



33302E



732A00



F25900



# Inverse Universe

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



024064



005282



020F64



2E3133



004973

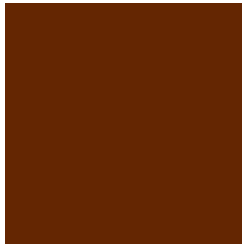


0099F2



# Previews

## White Background



This preview shows how the Hex color 642602 looks on a white background.

## Color Contrast Check

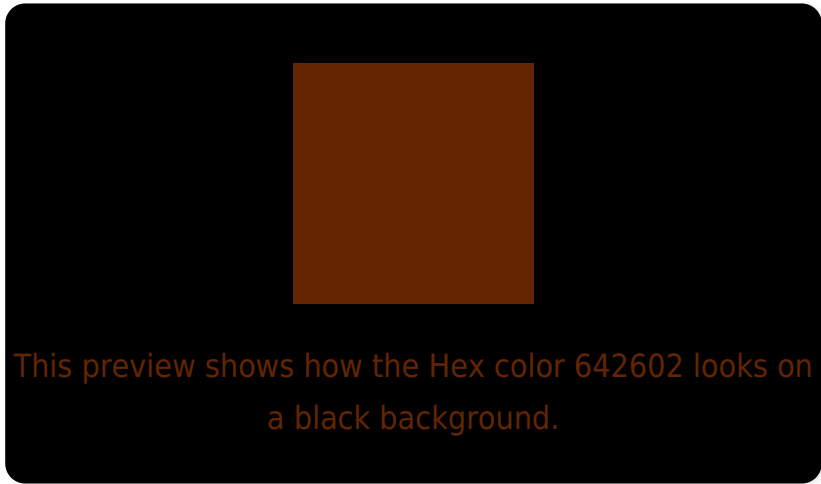
Large Text (above 18pt) WCAG AA ✓ Pass

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

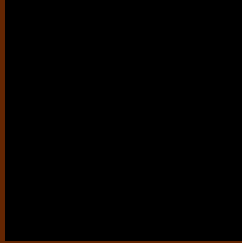
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 642602 Background



This preview shows how black text looks on a background with the Hex color 642602.



This preview shows how white text looks on a background with the Hex color 642602.

# 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**  
642602

**Protanopia**  
423B0A

**Deuteranopia**  
4A3700



# Trichromacy



**Original Color**  
642602

**Protanomaly**  
4E3307

**Deuteranomaly**  
533101

**Tritanomaly**  
652418

# Monochromacy



**Original Color**  
642602

**Achromatopsia**  
343434

**Achromatomaly**  
452F22

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 642602 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 #642602 looks like.

```
.text, #text, p{  
    color:#642602  
}
```

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 #642602 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #642602
}
```

## Border

The CSS property to change the border of an element to Hex 642602 is called "border". The border property can be set on classes, ids or directly on the HTML element.

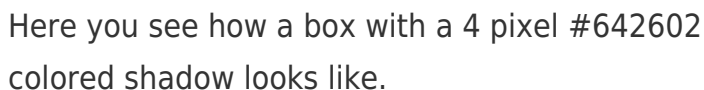
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#642602 }
```

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

```
.border{ border-color:#642602 }
```

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



Here you see how a box with a 4 pixel #642602 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #642602; -webkit-box-shadow:4px 4px  
4px 4px #642602; box-shadow:4px 4px 4px  
4px #642602 }
```

# Background

The CSS property to change the background color of an element to Hex 642602 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#642602 }
```

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

```
.background{ background-color:#642602 }
```

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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