

# Converting Colors

Hex(630C11)

Have a look what the booklet for  
Hex(630C11) contains.

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**Color**

**Hex(630C11)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	630C11
RGB	99, 12, 17
RGB Percent	39%, 5%, 7%
CMY	0.6118, 0.9529, 0.9333
CMYK	0.00, 0.88, 0.83, 0.61
HSL	357°, 78%, 22%
HSV	357°, 88%, 39%
XYZ	5.3782, 2.9561, 0.8174
YIQ	38.5830, 50.2470, 19.9990

# Conversions

## Conversions Part 2

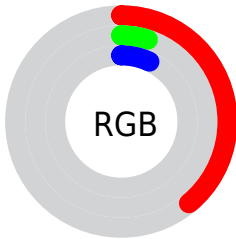
<b>Format</b>	<b>Color</b>
<b>RYB</b>	99, 12, 17
Decimal	6491153
CIELab	19.87, 37.36, 22.56
CIElCh	20, 43.642, 31.129
Yxy	2.9561, 0.5877, 0.3230
Android (android.graphics.Color)	4284681233 (0xFF630C11)
YUV	38.5830, -10.6404, 52.9857
Hunter-Lab	17.1932, 25.7488, 9.2164

# Details

The Hex color **630C11** is a dark color, and the websafe version is hex **660000**. A complement of this color would be **0C635E**, and the grayscale version is **272727**.

A 20% lighter version of the original color is **9C413B**, and **300002** is the 20% darker color. If you saturate the color by 10%, you get **630208**, and if you desaturate by 10%, it is **63161A**.

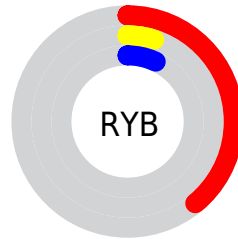
# Distribution



Red (39%)

Green (5%)

Blue (7%)



Red (39%)

Yellow (5%)

Blue (7%)

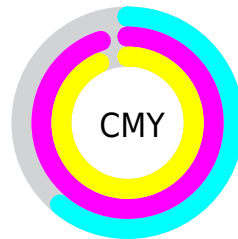


Cyan (0%)

Magenta (88%)

Yellow (83%)

Black (61%)



Cyan (61%)

Magenta (95%)

Yellow (93%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 630C11 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 630C11 by changing the saturation by 10% instead.



 630C11

 630C11

 FFFFFF1

 480000

 9C413B

 300002

 B95A52

 000000

 D6746B

 F58F84

 FFAA9E

 FFC6B9

 FFE2D5

 630C11

 630C11

■ 630208

■ 63161A

■ 630006

■ 632024

■ 632A2D

■ 633436

■ 633E40

■ 634749

■ 635152

■ 635B5C

■ 636565

# Harmonies

## Analogous

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



650030



630C11



542100

# Triad

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



630C11



003B0E



003471

# Complementary

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



630C11



0C635E

# 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.



003B68



630C11



003D30

# Square

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



630C11



1B3700



003D50



2C2767

# Rectangle

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



630C11



442B00



003D50



003770



# Sweetspot

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



630C11



805E60



5D0C63



402C2D



BFBFBF



404040



# Same Dimension

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



630C11



800007



63320C



302C2C



700006



F0000E



# Inverse Universe

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



630C11



800007



0C3D63



302C2C



700006

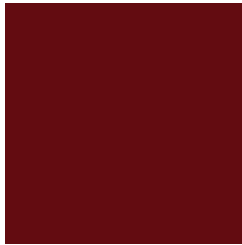


F0000E



# Previews

## White Background



This preview shows how the Hex color 630C11 looks on a white background.

## Color Contrast Check

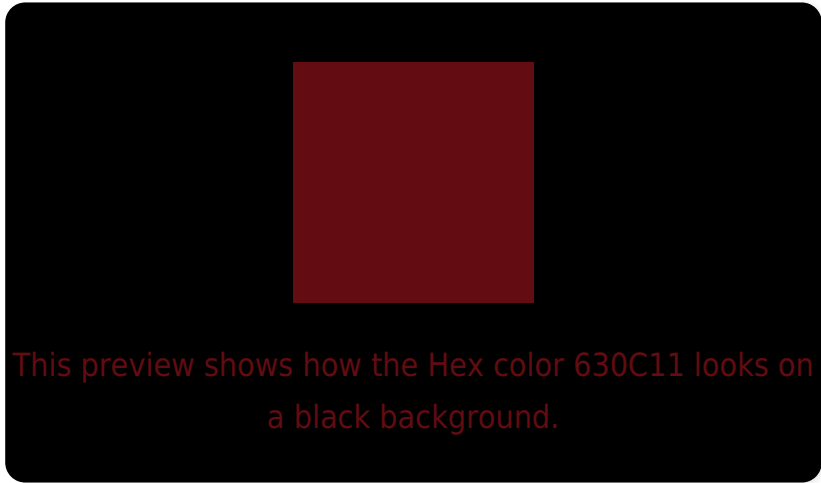
Large Text (above 18pt) WCAG AA ✓ Pass

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 630C11 Background



This preview shows how black text looks on a background with the Hex color 630C11.

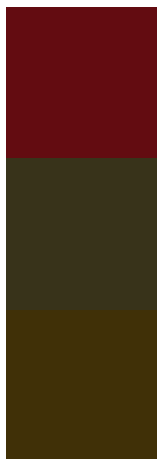


This preview shows how white text looks on a background with the Hex color 630C11.

# 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**  
630C11

**Protanopia**  
38331A

**Deuteranopia**  
403007



**Tritanopia**  
630D0B

# Trichromacy



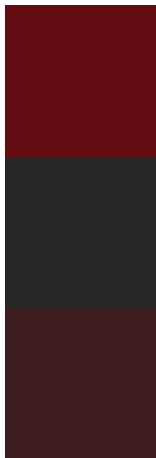
**Original Color**  
630C11

**Protanomaly**  
482517

**Deuteranomaly**  
4D230B

**Tritanomaly**  
630D0D

# Monochromacy



**Original Color**  
630C11

**Achromatopsia**  
272727

**Achromatomaly**  
3D1D1F

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 630C11 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 #630C11 looks like.

```
.text, #text, p{  
    color:#630C11  
}
```

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 #630C11 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #630C11
}
```

## Border

The CSS property to change the border of an element to Hex 630C11 is called "border". The border property can be set on classes, ids or directly on the HTML element.

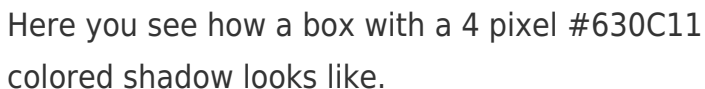
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#630C11 }
```

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

```
.border{ border-color:#630C11 }
```

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



Here you see how a box with a 4 pixel #630C11 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #630C11; -webkit-box-shadow:4px 4px  
4px 4px #630C11; box-shadow:4px 4px 4px  
4px #630C11 }
```

# Background

The CSS property to change the background color of an element to Hex 630C11 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#630C11 }
```

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

```
.background{ background-color:#630C11 }
```

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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