

# Converting Colors

Hex(6C190A)

Have a look what the booklet for  
Hex(6C190A) contains.

<b>Hex(6C190A)</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(6C190A)**

# Conversions

## Conversions Part 1

Format	Color
Hex	6C190A
RGB	108, 25, 10
RGB Percent	42%, 10%, 4%
CMY	0.5765, 0.9020, 0.9608
CMYK	0.00, 0.77, 0.91, 0.58
HSL	9°, 83%, 23%
HSV	9°, 91%, 42%
XYZ	6.5868, 3.9053, 0.6938
YIQ	48.1070, 54.2830, 12.9310

# Conversions

## Conversions Part 2

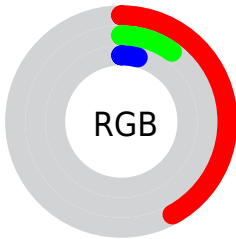
Format	Color
<a href="#">RYB</a>	<a href="#">108, 28, 10</a>
Decimal	<a href="#">7084298</a>
CIELab	<a href="#">23.36, 35.74, 30.35</a>
CIELCh	<a href="#">23, 46.883, 40.335</a>
Yxy	<a href="#">3.9053, 0.5888, 0.3491</a>
Android (android.graphics.Color)	<a href="#">4285274378 (0xFF6C190A)</a>
YUV	<a href="#">48.1070, -18.7868, 52.5262</a>
Hunter-Lab	<a href="#">19.7619, 24.9119, 11.7518</a>

# Details

The Hex color **6C190A** is a dark color, and the websafe version is hex **660000**. A complement of this color would be **0A5D6C**, and the grayscale version is **303030**.

A 20% lighter version of the original color is **A64B36**, and **350000** is the 20% darker color. If you saturate the color by 10%, you get **6C1100**, and if you desaturate by 10%, it is **6C2215**.

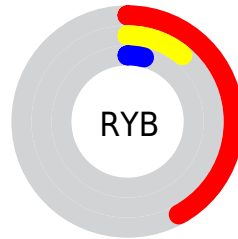
# Distribution



Red (42%)

Green (10%)

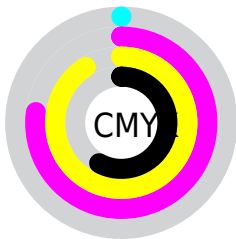
Blue (4%)



Red (42%)

Yellow (11%)

Blue (4%)

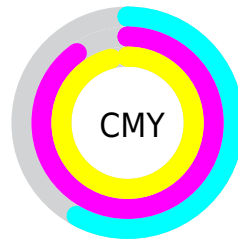


Cyan (0%)

Magenta (77%)

Yellow (91%)

Black (58%)



Cyan (58%)

Magenta (90%)

Yellow (96%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 6C190A 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 6C190A by changing the saturation by 10% instead.



 6C190A

 6C190A

 FFFFEB

 500000

 A64B36

 350000

 C3644D

 110000

 E17E65

 000000

 FF997F

 FF8499

 FFD0B4

 FFEDCF

 6C190A

 6C190A

■ 6C1100

■ 6C2215

■ 6C2B20

■ 6C342A

■ 6C3E35

■ 6C4740

■ 6C504B

■ 6C5956

■ 6C6260

■ 6C6B6B

# Harmonies

## Analogous

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



74012D



6C190A



582D00

# Triad

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



6C190A



00451E



00387E

# Complementary

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



6C190A



0A5D6C

# 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.



00427A



6C190A



004643

# Square

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



6C190A



104100



004665



46276E

# Rectangle

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



6C190A



453600



004665



003C7F



# Sweetspot

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



6C190A



8C6C66



6C0A5D



473431



C7C7C7



474747



# Same Dimension

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



6C190A



8C1500



6C4A0A



363130



751200



F52500



# Inverse Universe

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



0A5D6C



00778C



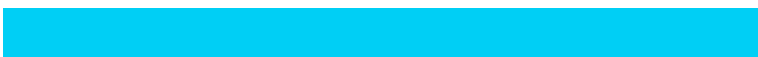
0A2C6C



303536



006375

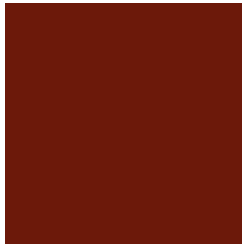


00CFF5



# Previews

## White Background



This preview shows how the Hex color 6C190A looks on a white background.

## Color Contrast Check

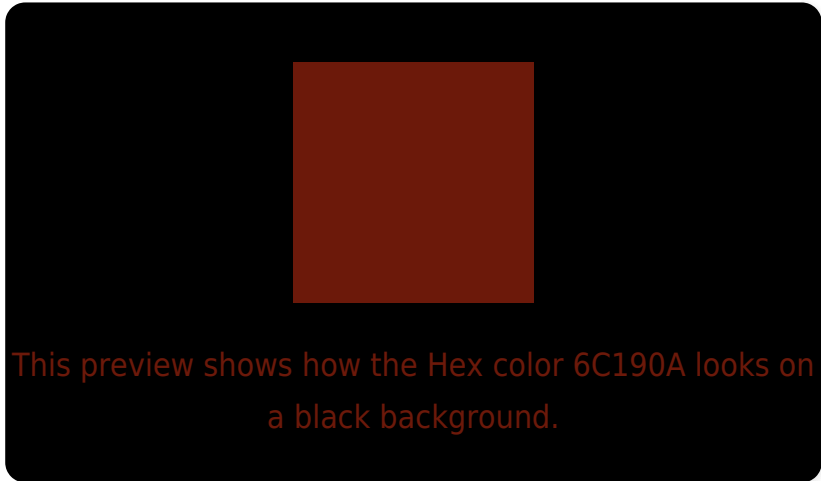
Large Text (above 18pt) WCAG AA ✓ Pass

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 6C190A Background



This preview shows how black text looks on a background with the Hex color 6C190A.



This preview shows how white text looks on a background with the Hex color 6C190A.

# 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**  
6C190A

**Protanopia**  
413A12

**Deuteranopia**  
493700



**Tritanopia**  
6C1818

# Trichromacy



**Original Color**  
6C190A

**Protanomaly**  
512E0F

**Deuteranomaly**  
562C04

**Tritanomaly**  
6C1813

# Monochromacy



**Original Color**  
6C190A

**Achromatopsia**  
303030

**Achromatomaly**  
462822

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 6C190A 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 #6C190A looks like.

```
.text, #text, p{  
    color:#6C190A  
}
```

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 #6C190A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6C190A }  
}
```

## Border

The CSS property to change the border of an element to Hex 6C190A 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 #6C190A }  
}
```

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

```
.border{ border-color:#6C190A }
```

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

Here you see how a box with a 4 pixel #6C190A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6C190A; -webkit-box-shadow:4px 4px  
4px 4px #6C190A; box-shadow:4px 4px 4px  
4px #6C190A }
```

# Background

The CSS property to change the background color of an element to Hex 6C190A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6C190A }
```

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

```
.background{ background-color:#6C190A }
```

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](#).



Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

**[Learn more, Memberships starting at \\$2.50/m!](#)**

**Follow me  
on Twitter!**

@ConvertingColor