

# Converting Colors

Hex(6A150B)

Have a look what the booklet for  
Hex(6A150B) contains.

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# Color

**Hex(6A150B)**

# Conversions

## Conversions Part 1

Format	Color
Hex	6A150B
RGB	106, 21, 11
RGB Percent	42%, 8%, 4%
CMY	0.5843, 0.9176, 0.9569
CMYK	0.00, 0.80, 0.90, 0.58
HSL	6°, 81%, 23%
HSV	6°, 90%, 42%
XYZ	6.2724, 3.6247, 0.6856
YIQ	45.2750, 53.8700, 14.9100

# Conversions

## Conversions Part 2

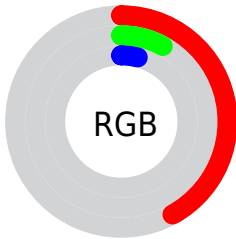
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	106, 22, 11
Decimal	6952203
CIE Lab	22.39, 36.58, 28.80
CIE LCh	22, 46.556, 38.208
Yxy	3.6247, 0.5927, 0.3425
Android (android.graphics.Color)	4285142283 (0xFF6A150B)
YUV	45.2750, -16.8976, 53.2558
Hunter-Lab	19.0386, 25.4910, 11.1917

# Details

The Hex color **6A150B** is a dark color, and the websafe version is hex **660000**. A complement of this color would be **0B606A**, and the grayscale version is **2D2D2D**.

A 20% lighter version of the original color is **A44837**, and **340000** is the 20% darker color. If you saturate the color by 10%, you get **6A0C00**, and if you desaturate by 10%, it is **6A1E16**.

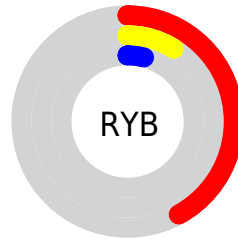
# Distribution



Red (42%)

Green (8%)

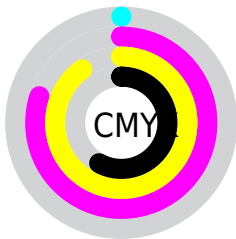
Blue (4%)



Red (42%)

Yellow (9%)

Blue (4%)

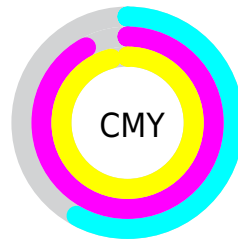


Cyan (0%)

Magenta (80%)

Yellow (90%)

Black (58%)



Cyan (58%)

Magenta (92%)

Yellow (96%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 6A150B 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 6A150B by changing the saturation by 10% instead.



 6A150B

 6A150B

 FFFFEC

 4E0000

 A44837

 340000

 C1614E

 0A0000

 DF7B66

 000000

 FD967F

 FFB199

 FFCDB4

 FFEAD0

 6A150B

 6A150B

■ 6A0C00

■ 6A1E16

■ 6A0B00

■ 6A2820

■ 6A312B

■ 6A3B35

■ 6A4440

■ 6A4E4B

■ 6A5755

■ 6A6160

■ 6A6A6A

# Harmonies

## Analogous

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



70002E



6A150B



572A00

# Triad

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



6A150B



00421A



00377B

# Complementary

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



6A150B



0B606A

# 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.



004076



6A150B



00443E

# Square

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



6A150B



133F00



004460



40276D

# Rectangle

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



6A150B



453400



004460



003B7C



# Sweetspot

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



6A150B



8A6865



6A0B61



45312F



C4C4C4



454545



# Same Dimension

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



6A150B



8A0E00



6A440B



363130



750C00



F51A00



# Inverse Universe

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



0B606A



007B8A



0B316A



303536



006975

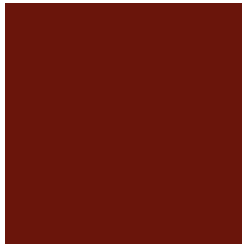


00DBF5



# Previews

## White Background



This preview shows how the Hex color 6A150B looks on a white background.

## Color Contrast Check

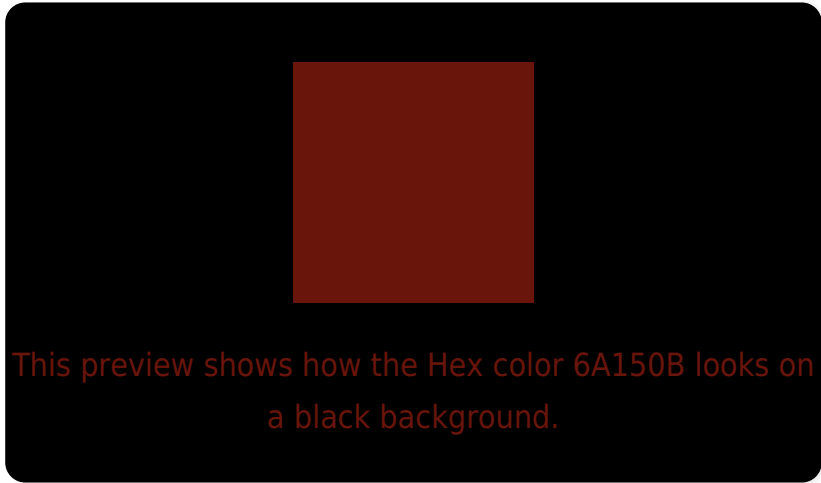
Large Text (above 18pt) WCAG AA ✓ Pass

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

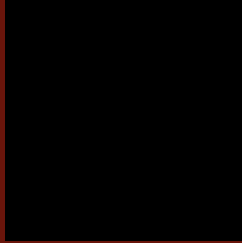
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 6A150B Background



This preview shows how black text looks on a background with the Hex color 6A150B.



This preview shows how white text looks on a background with the Hex color 6A150B.

# 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**  
6A150B

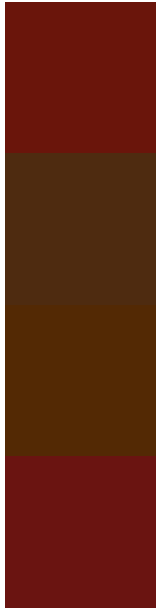
**Protanopia**  
3E3813

**Deuteranopia**  
463500



**Tritanopia**  
6A1414

# Trichromacy



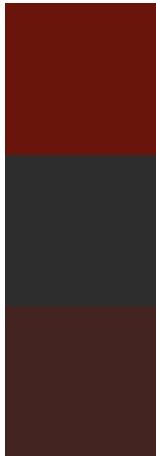
**Original Color**  
6A150B

**Protanomaly**  
4E2B10

**Deuteranomaly**  
532904

**Tritanomaly**  
6A1411

# Monochromacy



**Original Color**  
6A150B

**Achromatopsia**  
2D2D2D

**Achromatomaly**  
432421

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 6A150B 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 #6A150B looks like.

```
.text, #text, p{  
    color:#6A150B  
}
```

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 #6A150B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6A150B
}
```

## Border

The CSS property to change the border of an element to Hex 6A150B is called "border". The border property can be set on classes, ids or directly on the HTML element.

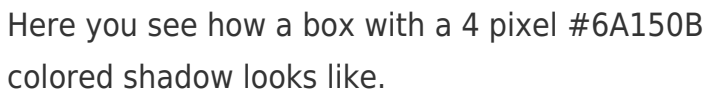
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#6A150B }
```

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

```
.border{ border-color:#6A150B }
```

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



Here you see how a box with a 4 pixel #6A150B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6A150B; -webkit-box-shadow:4px 4px  
4px 4px #6A150B; box-shadow:4px 4px 4px  
4px #6A150B }
```

# Background

The CSS property to change the background color of an element to Hex 6A150B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6A150B }
```

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

```
.background{ background-color:#6A150B }
```

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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