

# Converting Colors

Hex(6A1300)

Have a look what the booklet for  
Hex(6A1300) contains.

<b>Hex(6A1300)</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(6A1300)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	6A1300
RGB	106, 19, 0
RGB Percent	42%, 7%, 0%
CMY	0.5843, 0.9255, 1.0000
CMYK	0.00, 0.82, 1.00, 0.58
HSL	11°, 100%, 21%
HSV	11°, 100%, 42%
XYZ	6.1767, 3.5299, 0.3558
YIQ	42.8470, 57.9510, 12.5350

# Conversions

## Conversions Part 2

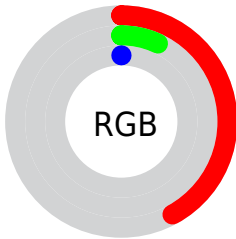
Format	Color
<a href="#">RYB</a>	106, 23, 0
Decimal	6951680
CIELab	22.05, 37.00, 32.93
CIELCh	22, 49.536, 41.668
Yxy	3.5299, 0.6138, 0.3508
Android (android.graphics.Color)	4285141760 (0xFF6A1300)
YUV	42.8470, -21.1236, 55.3852
Hunter-Lab	18.7881, 25.8042, 12.0289

# Details

The Hex color **6A1300** is a dark color, and the websafe version is hex **660000**. A complement of this color would be **00576A**, and the grayscale version is **2B2B2B**.

A 20% lighter version of the original color is **A4472F**, and **340001** is the 20% darker color. If you saturate the color by 10%, you get **6A1300**, and if you desaturate by 10%, it is **6A1C0B**.

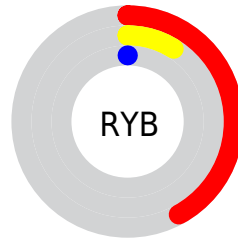
# Distribution



Red (42%)

Green (7%)

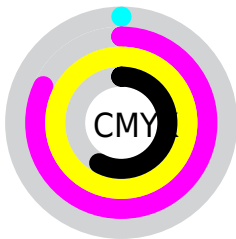
Blue (0%)



Red (42%)

Yellow (9%)

Blue (0%)

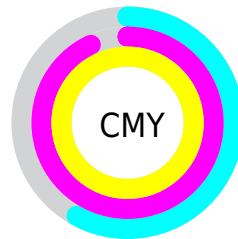


Cyan (0%)

Magenta (82%)

Yellow (100%)

Black (58%)



Cyan (58%)

Magenta (93%)

Yellow (100%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 6A1300 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 6A1300 by changing the saturation by 10% instead.



 6A1300

 6A1300

 FFFFE3

 4E0000

 A4472F

 340001

 C26046

 070000

 E07A5E

 000000

 FE9477

 FFB090

 FFCBAB

 FFE8C7

 6A1300

 6A1C0B

 6A2415

 6A2D20

 6A362A

 6A3F35

 6A4740

 6A504A

 6A5955

 6A615F

# Harmonies

## Analogous

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



730028



6A1300



542A00

# Triad

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



6A1300



00421C



00357E

# Complementary

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



6A1300



00576A

# 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.



003F7B



6A1300



004443

# Square

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



6A1300



033F00



004365



46226D

# Rectangle

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



6A1300



403400



004365



003980



# Sweetspot

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



6A1300



8A6860



6A0058



45312C



C4C4C4



454545



# Same Dimension

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



6A1300



8A1900



6A4700



363130



751500



F52C00



# Inverse Universe

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



00576A



00718A



00236A



303536



006075

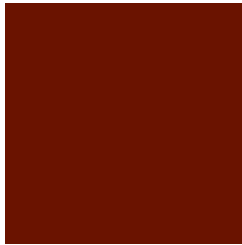


00C9F5



# Previews

## White Background



This preview shows how the Hex color 6A1300 looks on a white background.

## Color Contrast Check

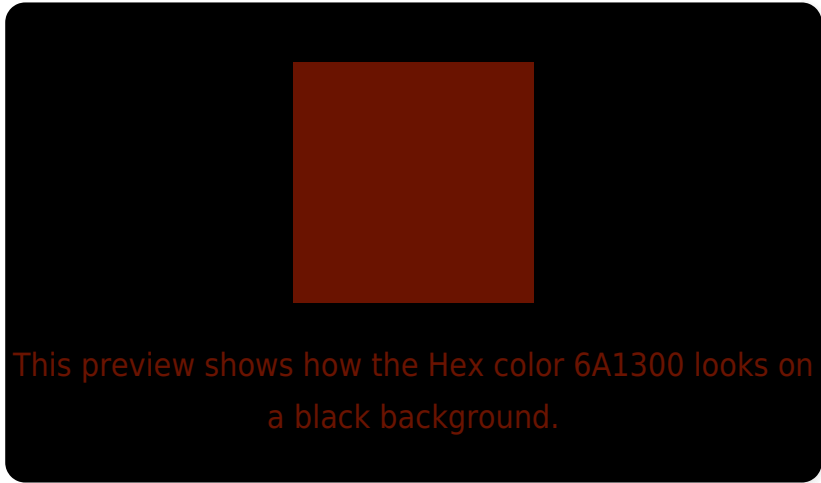
Large Text (above 18pt) WCAG AA ✓ Pass

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

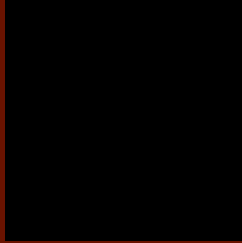
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 6A1300 Background



This preview shows how black text looks on a background with the Hex color 6A1300.



This preview shows how white text looks on a background with the Hex color 6A1300.

# 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**  
6A1300

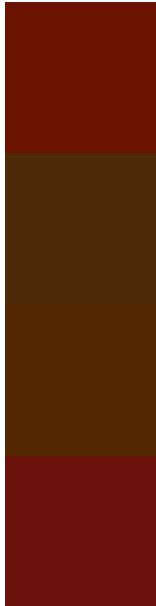
**Protanopia**  
3E370D

**Deuteranopia**  
463400



**Tritanopia**  
6A1211

# Trichromacy



**Original Color**  
6A1300

**Protanomaly**  
4E2A08

**Deuteranomaly**  
532800

**Tritanomaly**  
6A120B

# Monochromacy



**Original Color**  
6A1300

**Achromatopsia**  
2B2B2B

**Achromatomaly**  
42221B

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 6A1300 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 #6A1300 looks like.

```
.text, #text, p{  
    color:#6A1300  
}
```

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 #6A1300 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6A1300
}
```

## Border

The CSS property to change the border of an element to Hex 6A1300 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".

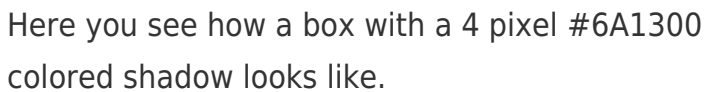
```
.border, #border, table{ border:4px solid
#6A1300 }
```

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

```
.border{ border-color:#6A1300 }
```

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

Here you see how a box with a 4 pixel #6A1300 colored shadow looks like.

A rectangular box with a dark red border and a dark red shadow. The shadow is cast to the right and bottom of the box, creating a 3D effect. The text inside the box is black and reads: "Here you see how a box with a 4 pixel #6A1300 colored shadow looks like."

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6A1300; -webkit-box-shadow:4px 4px  
4px 4px #6A1300; box-shadow:4px 4px 4px  
4px #6A1300 }
```

# Background

The CSS property to change the background color of an element to Hex 6A1300 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6A1300 }
```

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

```
.background{ background-color:#6A1300 }
```

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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