

# Converting Colors

Hex(6A3F10)

Have a look what the booklet for  
Hex(6A3F10) contains.

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**Color**

**Hex(6A3F10)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	6A3F10
RGB	106, 63, 16
RGB Percent	42%, 25%, 6%
CMY	0.5843, 0.7529, 0.9373
CMYK	0.00, 0.41, 0.85, 0.58
HSL	31°, 74%, 24%
HSV	31°, 85%, 42%
XYZ	7.8149, 6.6566, 1.3632
YIQ	70.4990, 40.7150, -5.5010

# Conversions

## Conversions Part 2

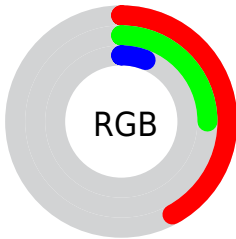
Format	Color
<b>RYB</b>	98, 106, 16
Decimal	6962960
CIELab	31.01, 14.78, 34.62
CIElCh	31, 37.639, 66.876
Yxy	6.6566, 0.4935, 0.4204
Android (android.graphics.Color)	4285153040 (0xFF6A3F10)
YUV	70.4990, -26.8680, 31.1344
Hunter-Lab	25.8004, 8.9167, 14.9277

# Details

The Hex color **6A3F10** is a dark color, and the websafe version is hex **663300**. A complement of this color would be **103B6A**, and the grayscale version is **474747**.

A 20% lighter version of the original color is **A16F3E**, and **361400** is the 20% darker color. If you saturate the color by 10%, you get **6A3A05**, and if you desaturate by 10%, it is **6A441B**.

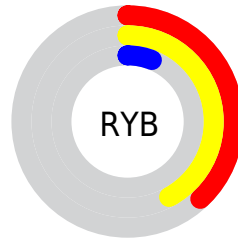
# Distribution



Red (42%)

Green (25%)

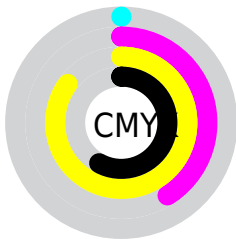
Blue (6%)



Red (38%)

Yellow (42%)

Blue (6%)

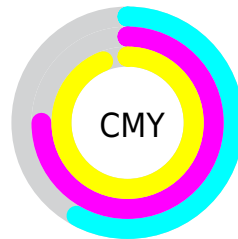


Cyan (0%)

Magenta (41%)

Yellow (85%)

Black (58%)



Cyan (58%)

Magenta (75%)

Yellow (94%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 6A3F10 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 6A3F10 by changing the saturation by 10% instead.



 6A3F10

 6A3F10

 FFFFF8

 502900

 A16F3E

 361400

 BE8856

 1F0000

 DBA36F

 000000

 F8BE89

 FFD9A4

 FFF6BF

 FFFFDB

 6A3F10

 6A3F10

■ 6A3A05

■ 6A441B

■ 6A3700

■ 6A4925

■ 6A4E30

■ 6A533A

■ 6A5845

■ 6A5D50

■ 6A625A

■ 6A6865

■ 6A6D6F

# Harmonies

## Analogous

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



7A3327



6A3F10



524A06

# Triad

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



6A3F10



00574F



533E78

# Complementary

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



6A3F10



103B6A

# 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.



0D4A84



6A3F10



00566C

# Square

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



6A3F10



005531



00527F



723261

# Rectangle

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



6A3F10



3E4F0E



00527F



43427E



# Sweetspot

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



6A3F10



8A7967



6A103C



453B30



C4C4C4



454545



# Same Dimension

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



6A3F10



8A4800



696A10



363330



753D00



F58000



# Inverse Universe

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



103B6A



00428A



12106A



303336



003875

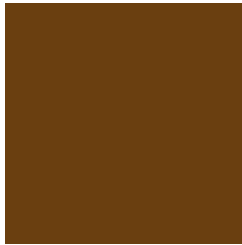


0075F5



# Previews

## White Background



This preview shows how the Hex color 6A3F10 looks on a white background.

## Color Contrast Check

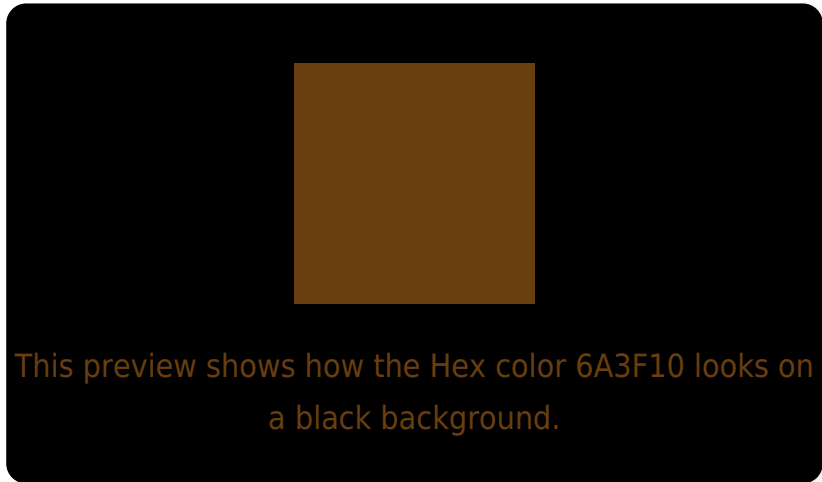
Large Text (above 18pt) WCAG AA ✓ Pass

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

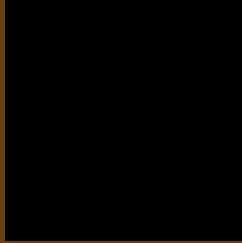
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 6A3F10 Background



This preview shows how black text looks on a background with the Hex color 6A3F10.



This preview shows how white text looks on a background with the Hex color 6A3F10.

# 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**  
6A3F10

**Protanopia**  
534A13

**Deuteranopia**  
5D460C



**Tritanopia**  
6C3B3F

# Trichromacy



**Original Color**  
6A3F10

**Protanomaly**  
5B4612

**Deuteranomaly**  
62430D

**Tritanomaly**  
6B3C2E

# Monochromacy



**Original Color**  
6A3F10

**Achromatopsia**  
464646

**Achromatomaly**  
534332

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 6A3F10 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 #6A3F10 looks like.

```
.text, #text, p{  
    color:#6A3F10  
}
```

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 #6A3F10 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6A3F10
}
```

## Border

The CSS property to change the border of an element to Hex 6A3F10 is called "border". The border property can be set on classes, ids or directly on the HTML element.

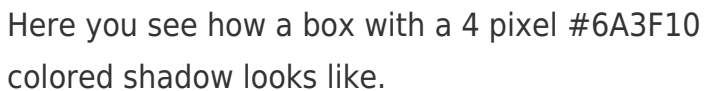
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#6A3F10 }
```

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

```
.border{ border-color:#6A3F10 }
```

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



Here you see how a box with a 4 pixel #6A3F10 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6A3F10; -webkit-box-shadow:4px 4px  
4px 4px #6A3F10; box-shadow:4px 4px 4px  
4px #6A3F10 }
```

# Background

The CSS property to change the background color of an element to Hex 6A3F10 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6A3F10 }
```

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

```
.background{ background-color:#6A3F10 }
```

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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