

# Converting Colors

Hex(6A3D11)

Have a look what the booklet for  
Hex(6A3D11) contains.

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**Color**

**Hex(6A3D11)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	6A3D11
RGB	106, 61, 17
RGB Percent	42%, 24%, 7%
CMY	0.5843, 0.7608, 0.9333
CMYK	0.00, 0.42, 0.84, 0.58
HSL	30°, 72%, 24%
HSV	30°, 84%, 42%
XYZ	7.7138, 6.4421, 1.3672
YIQ	69.4390, 40.9440, -4.1440

# Conversions

## Conversions Part 2

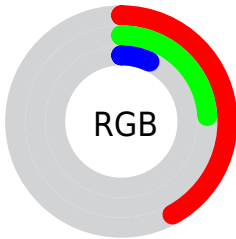
Format	Color
<b>R<sub>YB</sub></b>	106, 104, 17
Decimal	6962449
CIE Lab	30.50, 16.04, 33.69
CIE LCh	31, 37.313, 64.541
Yxy	6.4421, 0.4969, 0.4150
Android (android.graphics.Color)	4285152529 (0xFF6A3D11)
YUV	69.4390, -25.8524, 32.0640
Hunter-Lab	25.3813, 9.8315, 14.5732

# Details

The Hex color **6A3D11** is a dark color, and the websafe version is hex **663300**. A complement of this color would be **113E6A**, and the grayscale version is **464646**.

A 20% lighter version of the original color is **A16D3F**, and **351200** is the 20% darker color. If you saturate the color by 10%, you get **6A3806**, and if you desaturate by 10%, it is **6A421C**.

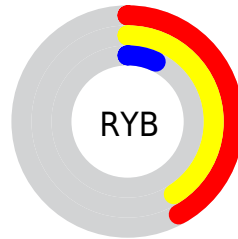
# Distribution



Red (42%)

Green (24%)

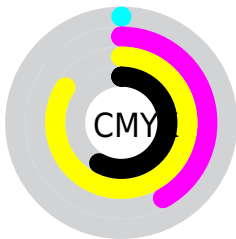
Blue (7%)



Red (42%)

Yellow (41%)

Blue (7%)

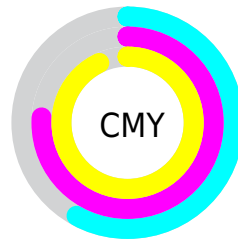


Cyan (0%)

Magenta (42%)

Yellow (84%)

Black (58%)



Cyan (58%)

Magenta (76%)

Yellow (93%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 6A3D11 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 6A3D11 by changing the saturation by 10% instead.



 6A3D11

 6A3D11

 FFFFF8

 502700

 A16D3F

 351200

 BE8657

 1F0000

 DBA070

 000000

 F8BB8A

 FFD7A4

 FFF4C0

 FFFFDC

 6A3D11

 6A3D11

■ 6A3806

■ 6A421C

■ 6A3400

■ 6A4826

■ 6A4D31

■ 6A523B

■ 6A5846

■ 6A5D51

■ 6A635B

■ 6A6866

■ 6A6D70

# Harmonies

## Analogous

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



793128



6A3D11



524805

# Triad

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



6A3D11



00564C



4E3E78

# Complementary

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



6A3D11



113E6A

# 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.



004A82



6A3D11



005568

# Square

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



6A3D11



00542D



00517C



6E3261

# Rectangle

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



6A3D11



3F4D0C



00517C



3E427D



# Sweetspot

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



6A3D11



8A7867



6A113F



453A30



C4C4C4



454545



# Same Dimension

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



6A3D11



8A4400



6A6911



363330



753A00



F57900



# Inverse Universe

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



113E6A



00468A



11126A



303336



003B75



007CF5



# Previews

## White Background



This preview shows how the Hex color 6A3D11 looks on a white background.

## Color Contrast Check

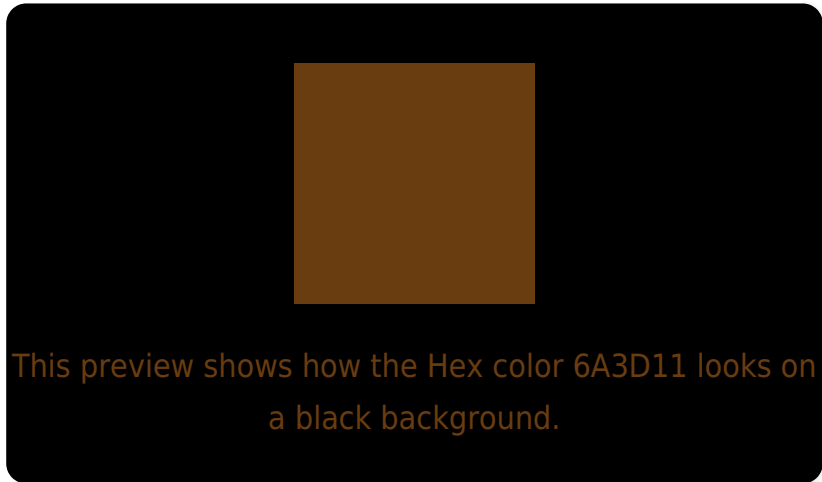
Large Text (above 18pt) WCAG AA ✓ Pass

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

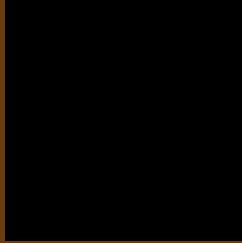
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 6A3D11 Background



This preview shows how black text looks on a background with the Hex color 6A3D11.



This preview shows how white text looks on a background with the Hex color 6A3D11.

# 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**  
6A3D11

**Protanopia**  
514914

**Deuteranopia**  
5B450D



**Tritanopia**  
6C393D

# Trichromacy



**Original Color**  
6A3D11

**Protanomaly**  
5A4513

**Deuteranomaly**  
60420E

**Tritanomaly**  
6B3A2D

# Monochromacy



**Original Color**  
6A3D11

**Achromatopsia**  
454545

**Achromatomaly**  
524232

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 6A3D11 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 #6A3D11 looks like.

```
.text, #text, p{  
    color:#6A3D11  
}
```

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 #6A3D11 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6A3D11
}
```

## Border

The CSS property to change the border of an element to Hex 6A3D11 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
#6A3D11 }
```

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

```
.border{ border-color:#6A3D11 }
```

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

Here you see how a box with a 4 pixel #6A3D11 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6A3D11; -webkit-box-shadow:4px 4px  
4px 4px #6A3D11; box-shadow:4px 4px 4px  
4px #6A3D11 }
```

# Background

The CSS property to change the background color of an element to Hex 6A3D11 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6A3D11 }
```

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

```
.background{ background-color:#6A3D11 }
```

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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