

Converting Colors

Hex(6A3F13)

Have a look what the booklet for
Hex(6A3F13) contains.

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Color

Hex(6A3F13)

Conversions

Conversions Part 1

Format	Color
Hex	6A3F13
RGB	106, 63, 19
RGB Percent	42%, 25%, 7%
CMY	0.5843, 0.7529, 0.9255
CMYK	0.00, 0.41, 0.82, 0.58
HSL	30°, 70%, 25%
HSV	30°, 82%, 42%
XYZ	7.8389, 6.6662, 1.4896
YIQ	70.8410, 39.7520, -4.5680

Conversions

Conversions Part 2

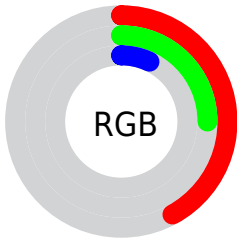
Format	Color
RYB	104, 106, 19
Decimal	6962963
CIELab	31.03, 14.91, 33.26
CIELCh	31, 36.448, 65.859
Yxy	6.6662, 0.4901, 0.4168
Android (android.graphics.Color)	4285153043 (0xFF6A3F13)
YUV	70.8410, -25.5576, 30.8344
Hunter-Lab	25.8190, 9.0112, 14.6525

Details

The Hex color **6A3F13** is a dark color, and the websafe version is hex **663300**. A complement of this color would be **133E6A**, and the grayscale version is **474747**.

A 20% lighter version of the original color is **A16F41**, and **361400** is the 20% darker color. If you saturate the color by 10%, you get **6A3A08**, and if you desaturate by 10%, it is **6A441E**.

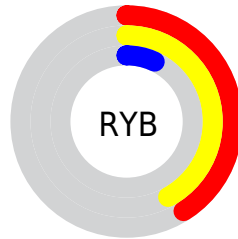
Distribution



Red (42%)

Green (25%)

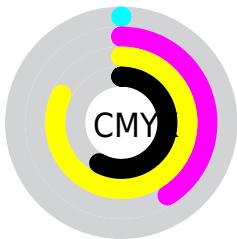
Blue (7%)



Red (41%)

Yellow (42%)

Blue (7%)

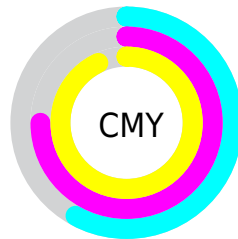


Cyan (0%)

Magenta (41%)

Yellow (82%)

Black (58%)



Cyan (58%)

Magenta (75%)

Yellow (93%)

Brightness & Saturation Gradients

These gradients show how the Hex color 6A3F13 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 6A3F13 by changing the saturation by 10% instead.

 6A3F13

 6A3F13

 FFFFFB

 502900

 A16F41

 361400

 BE8859

 1F0000

 DBA372

 000000

 F8BE8C

 FFD9A6

 FFF6C2

 FFFFDE

 6A3F13

 6A3F13

■ 6A3A08

■ 6A441E

■ 6A3600

■ 6A4928

■ 6A4F33

■ 6A543D

■ 6A5948

■ 6A5E53

■ 6A645D

■ 6A6968

■ 6A6E72

Harmonies

Analogous

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



793429



6A3F13



534909

Triad

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



6A3F13



00574E



513F77

Complementary

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



6A3F13



133E6A

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.



0F4A82



6A3F13



00566A

Square

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



6A3F13



005531



00527D



703361

Rectangle

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



6A3F13



404F10



00527D



42437D

Sweetspot

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



6A3F13



8A7967



6A133F



453B30



C4C4C4



454545

Same Dimension

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



6A3F13



8A4703



6A6A13



363330



753B00



F57C00

Inverse Universe

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



133E6A



03458A



13136A



303336



003A75



0079F5

Previews

White Background



This preview shows how the Hex color 6A3F13 looks on a white background.

Color Contrast Check

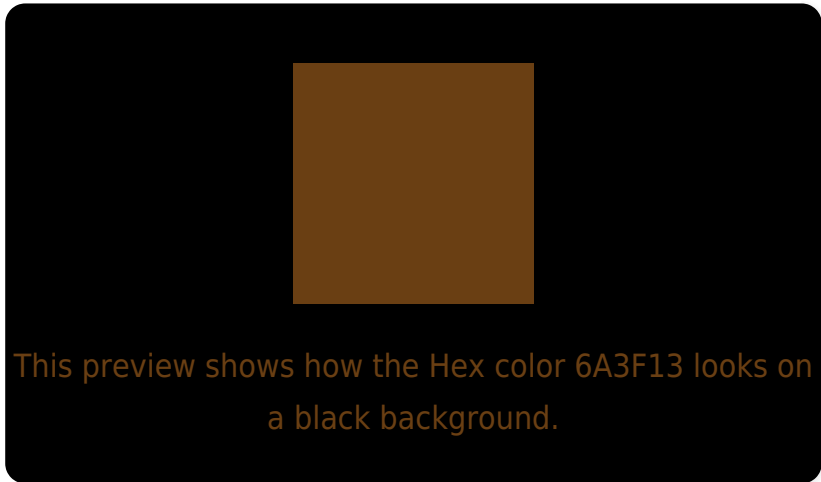
Large Text (above 18pt) WCAG AA ✓ Pass

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

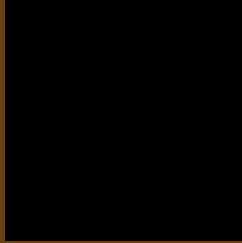
Any Text WCAG AA × Fail

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 6A3F13 Background



This preview shows how black text looks on a background with the Hex color 6A3F13.



This preview shows how white text looks on a background with the Hex color 6A3F13.

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
6A3F13

Protanopia
534A16

Deuteranopia
5D4610



Tritanopia
6C3B3F

Trichromacy



Original Color
6A3F13

Protanomaly
5B4615

Deuteranomaly
624311

Tritanomaly
6B3C2F

Monochromacy



Original Color
6A3F13

Achromatopsia
474747

Achromatomaly
544434

CSS Examples

Text

The CSS property to change the color of the text to Hex 6A3F13 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 #6A3F13 looks like.

```
.text, #text, p{  
    color:#6A3F13  
}
```

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 #6A3F13 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6A3F13
}
```

Border

The CSS property to change the border of an element to Hex 6A3F13 is called "border". The border property can be set on classes, ids or directly on the HTML element.

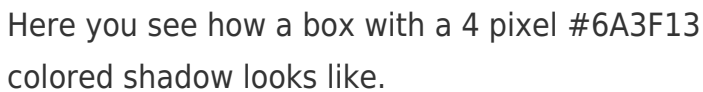
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#6A3F13 }
```

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

```
.border{ border-color:#6A3F13 }
```

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



Here you see how a box with a 4 pixel #6A3F13 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6A3F13; -webkit-box-shadow:4px 4px  
4px 4px #6A3F13; box-shadow:4px 4px 4px  
4px #6A3F13 }
```

Background

The CSS property to change the background color of an element to Hex 6A3F13 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6A3F13 }
```

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

```
.background{ background-color:#6A3F13 }
```

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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