

Converting Colors

Hex(6A3B1E)

Have a look what the booklet for
Hex(6A3B1E) contains.

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Color

Hex(6A3B1E)

Conversions

Conversions Part 1

Format	Color
Hex	6A3B1E
RGB	106, 59, 30
RGB Percent	42%, 23%, 12%
CMY	0.5843, 0.7686, 0.8824
CMYK	0.00, 0.44, 0.72, 0.58
HSL	23°, 56%, 27%
HSV	23°, 72%, 42%
XYZ	7.7422, 6.2858, 2.0335
YIQ	69.7470, 37.3210, 0.9450

Conversions

Conversions Part 2

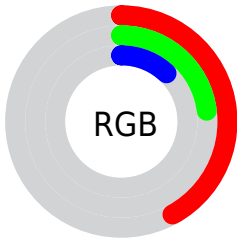
Format	Color
R_{YB}	106, 77, 30
Decimal	6961950
CIE _{Lab}	30.12, 17.94, 26.46
CIE _{LCh}	30, 31.966, 55.862
Yxy	6.2858, 0.4820, 0.3914
Android (android.graphics.Color)	4285152030 (0xFF6A3B1E)
YUV	69.7470, -19.5953, 31.7939
Hunter-Lab	25.0716, 11.2460, 12.7412

Details

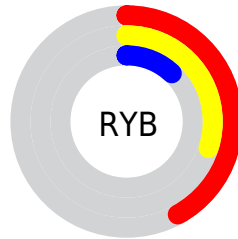
The Hex color **6A3B1E** is a dark color, and the websafe version is hex **663300**. A complement of this color would be **1E4D6A**, and the grayscale version is **464646**.

A 20% lighter version of the original color is **A16B4B**, and **361000** is the 20% darker color. If you saturate the color by 10%, you get **6A3413**, and if you desaturate by 10%, it is **6A4229**.

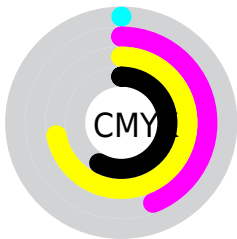
Distribution



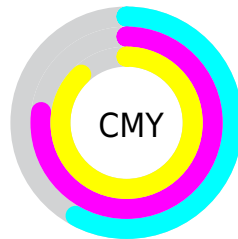
- Red (42%)
- Green (23%)
- Blue (12%)



- Red (42%)
- Yellow (30%)
- Blue (12%)



- Cyan (0%)
- Magenta (44%)
- Yellow (72%)
- Black (58%)



- Cyan (58%)
- Magenta (77%)
- Yellow (88%)

Brightness & Saturation Gradients

These gradients show how the Hex color 6A3B1E 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 6A3B1E by changing the saturation by 10% instead.

 6A3B1E

 6A3B1E

FFFFFF

 502507

 A16B4B

 361000

 BD8463

 200001

 DA9E7C

 000000

 F7B996

 FFD5B1

 FFF2CD

 FFFFE9

 6A3B1E

 6A3B1E

■ 6A3413

■ 6A4229

■ 6A2E09

■ 6A4833

■ 6A2800

■ 6A4F3E

■ 6A5548

■ 6A5C53

■ 6A625E

■ 6A6968

■ 6A6F73

■ 6A767D

Harmonies

Analogous

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



743333



6A3B1E



584412

Triad

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



6A3B1E



005343



424274

Complementary

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



6A3B1E



1E4D6A

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.



004B78



6A3B1E



00535C

Square

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



6A3B1E



1F512A



005070



623863

Rectangle

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



6A3B1E



484A14



005070



334577

Sweetspot

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



6A3B1E



8A776B



6A1E4E



453A33



C4C4C4



454545

Same Dimension

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



6A3B1E



8A4013



6A601E



363230



752D00



F55D00

Inverse Universe

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



1E4D6A



135D8A



1E286A



303436



004975



0097F5

Previews

White Background



This preview shows how the Hex color 6A3B1E looks on a white background.

Color Contrast Check

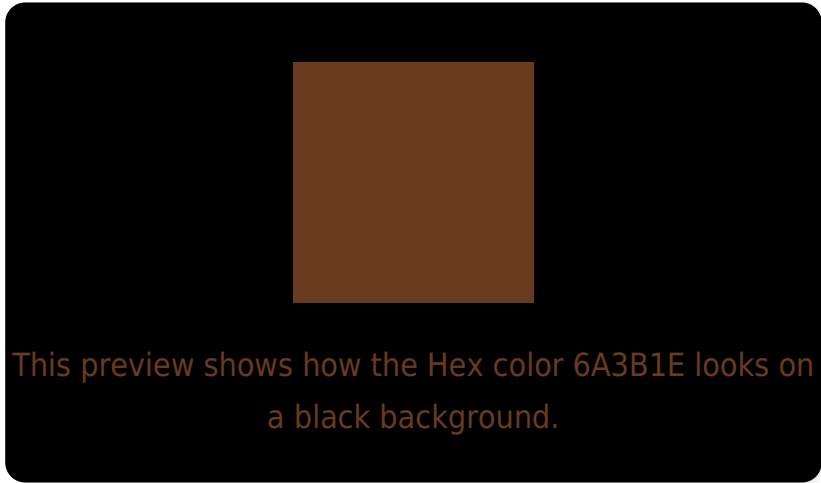
Large Text (above 18pt) WCAG AA ✓ Pass

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

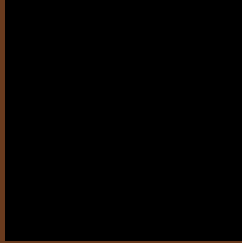
Any Text WCAG AA × Fail

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 6A3B1E Background



This preview shows how black text looks on a background with the Hex color 6A3B1E.



This preview shows how white text looks on a background with the Hex color 6A3B1E.

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
6A3B1E

Protanopia
4F4822

Deuteranopia
59441C



Tritanopia
6C383C

Trichromacy



Original Color
6A3B1E

Protanomaly
594321

Deuteranomaly
5F411D

Tritanomaly
6B3931

Monochromacy



Original Color
6A3B1E

Achromatopsia
464646

Achromatomaly
534237

CSS Examples

Text

The CSS property to change the color of the text to Hex 6A3B1E 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 #6A3B1E looks like.

```
.text, #text, p{  
    color:#6A3B1E  
}
```

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 #6A3B1E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6A3B1E
}
```

Border

The CSS property to change the border of an element to Hex 6A3B1E is called "border". The border property can be set on classes, ids or directly on the HTML element.

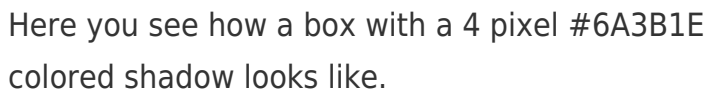
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#6A3B1E }
```

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

```
.border{ border-color:#6A3B1E }
```

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



Here you see how a box with a 4 pixel #6A3B1E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6A3B1E; -webkit-box-shadow:4px 4px  
4px 4px #6A3B1E; box-shadow:4px 4px 4px  
4px #6A3B1E }
```

Background

The CSS property to change the background color of an element to Hex 6A3B1E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6A3B1E }
```

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

```
.background{ background-color:#6A3B1E }
```

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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