

Converting Colors

Hex(6B3E18)

Have a look what the booklet for
Hex(6B3E18) contains.

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Color

Hex(6B3E18)

Conversions

Conversions Part 1

Format	Color
Hex	6B3E18
RGB	107, 62, 24
RGB Percent	42%, 24%, 9%
CMY	0.5804, 0.7569, 0.9059
CMYK	0.00, 0.42, 0.78, 0.58
HSL	27°, 63%, 26%
HSV	27°, 78%, 42%
XYZ	7.9509, 6.6370, 1.7262
YIQ	71.1230, 39.0180, -2.2780

Conversions

Conversions Part 2

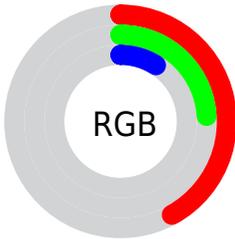
Format	Color
RYB	107, 94, 24
Decimal	7028248
CIELab	30.97, 16.23, 30.73
CIELCh	31, 34.758, 62.155
Yxy	6.6370, 0.4874, 0.4068
Android (android.graphics.Color)	4285218328 (0xFF6B3E18)
YUV	71.1230, -23.2316, 31.4641
Hunter-Lab	25.7624, 10.0053, 14.0610

Details

The Hex color **6B3E18** is a dark color, and the websafe version is hex **663300**. A complement of this color would be **18456B**, and the grayscale version is **474747**.

A 20% lighter version of the original color is **A26E45**, and **371300** is the 20% darker color. If you saturate the color by 10%, you get **6B380D**, and if you desaturate by 10%, it is **6B4423**.

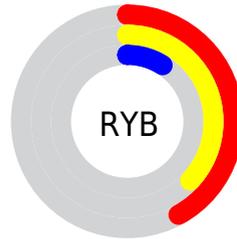
Distribution



Red (42%)

Green (24%)

Blue (9%)



Red (42%)

Yellow (37%)

Blue (9%)

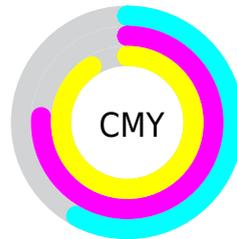


Cyan (0%)

Magenta (42%)

Yellow (78%)

Black (58%)



Cyan (58%)

Magenta (76%)

Yellow (91%)

Brightness & Saturation Gradients

These gradients show how the Hex color 6B3E18 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 6B3E18 by changing the saturation by 10% instead.

 6B3E18

 6B3E18

FFFFFF

 512800

 A26E45

 371300

 BE875E

 200000

 DBA277

 000000

 F9BD90

 FFD8AB

 FFF5C7

 FFFFE3

 6B3E18

 6B3E18

■ 6B380D

■ 6B4423

■ 6B3203

■ 6B4A2D

■ 6B3100

■ 6B4F38

■ 6B5543

■ 6B5B4E

■ 6B6158

■ 6B6763

■ 6B6C6E

■ 6B7278

Harmonies

Analogous

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



78342E



6B3E18



55480D

Triad

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



6B3E18



00564A



4C4177

Complementary

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



6B3E18



18456B

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.



044B7F



6B3E18



005565

Square

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



6B3E18



0E542E



005279



6B3663

Rectangle

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



6B3E18



444D12



005279



3D457B

Sweetspot

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



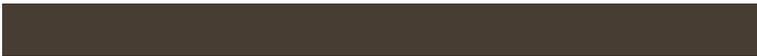
6B3E18



8C7B6C



6B1846



473D33



C7C7C7



474747

Same Dimension

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



6B3E18



8C460A



6B6718



363330



753600



F57000

Inverse Universe

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



18456B



0A518C



181C6B



303336



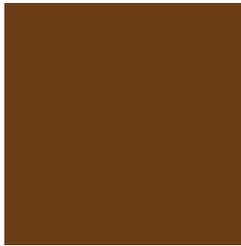
004075



0085F5

Previews

White Background



This preview shows how the Hex color 6B3E18 looks on a white background.

Color Contrast Check

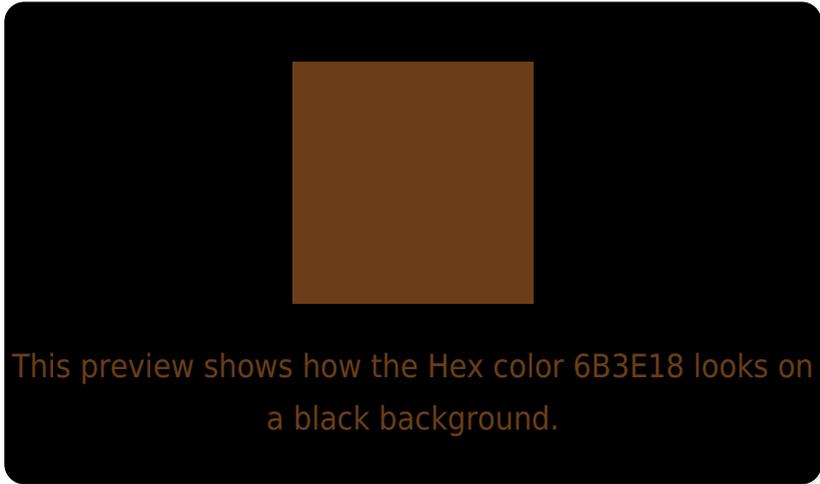
Large Text (above 18pt) WCAG AA ✓ Pass

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

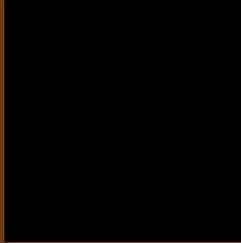
Any Text WCAG AA × Fail

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 6B3E18 Background



This preview shows how black text looks on a background with the Hex color 6B3E18.



This preview shows how white text looks on a background with the Hex color 6B3E18.

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
6B3E18

Protanopia
524A1B

Deuteranopia
5C4615



Tritanopia
6D3A3E

Trichromacy



Original Color
6B3E18

Protanomaly
5B461A

Deuteranomaly
614316

Tritanomaly
6C3B30

Monochromacy



Original Color
6B3E18

Achromatopsia
474747

Achromatomaly
544436

CSS Examples

Text

The CSS property to change the color of the text to Hex 6B3E18 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 #6B3E18 looks like.

```
.text, #text, p{  
    color:#6B3E18  
}
```

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 #6B3E18 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6B3E18
}
```

Border

The CSS property to change the border of an element to Hex 6B3E18 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
#6B3E18 }
```

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

```
.border{ border-color:#6B3E18 }
```

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

Here you see how a box with a 4 pixel #6B3E18 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6B3E18; -webkit-box-shadow:4px 4px  
4px 4px #6B3E18; box-shadow:4px 4px 4px  
4px #6B3E18 }
```

Background

The CSS property to change the background color of an element to Hex 6B3E18 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6B3E18 }
```

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

```
.background{ background-color:#6B3E18 }
```

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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