

Converting Colors

Hex(B77A15)

Have a look what the booklet for
Hex(B77A15) contains.

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Color

Hex(B77A15)

Conversions

Conversions Part 1

Format	Color
Hex	B77A15
RGB	183, 122, 21
RGB Percent	72%, 48%, 8%
CMY	0.2824, 0.5216, 0.9176
CMYK	0.00, 0.33, 0.89, 0.28
HSL	37°, 79%, 40%
HSV	37°, 89%, 72%
XYZ	26.6233, 24.0405, 3.9465
YIQ	128.7250, 68.7770, -18.4790

Conversions

Conversions Part 2

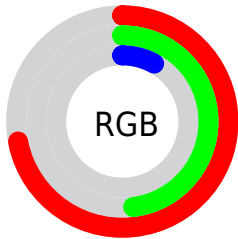
Format	Color
R_{YB}	119, 183, 21
Decimal	12024341
CIE _{Lab}	56.13, 16.25, 58.17
CIE _{LCh}	56, 60.398, 74.392
Yxy	24.0405, 0.4875, 0.4402
Android (android.graphics.Color)	4290214421 (0xFFB77A15)
YUV	128.7250, -53.1084, 47.5992
Hunter-Lab	49.0311, 11.1190, 29.5495

Details

The Hex color **B77A15** is a dark color, and the websafe version is hex **996600**. A complement of this color would be **1552B7**, and the grayscale version is **818181**.

A 20% lighter version of the original color is **F4AE4D**, and **7D4900** is the 20% darker color. If you saturate the color by 10%, you get **B77303**, and if you desaturate by 10%, it is **B78127**.

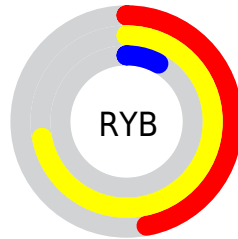
Distribution



Red (72%)

Green (48%)

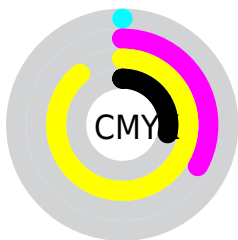
Blue (8%)



Red (47%)

Yellow (72%)

Blue (8%)

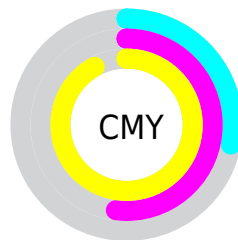


Cyan (0%)

Magenta (33%)

Yellow (89%)

Black (28%)



Cyan (28%)

Magenta (52%)

Yellow (92%)

Brightness & Saturation Gradients

These gradients show how the Hex color B77A15 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 B77A15 by changing the saturation by 10% instead.



B77A15



B77A15

FFFFFF



996100



F4AE4D



7D4900



FFCA67



603300



FFE682



441D00



FFFF9D



2B0800



FFFFB9



000000



FFFFD6



FFFFF2



B77A15



B77A15

 B77303

 B78127

 B77200

 B7883A

 B78F4C

 B7965E

 B79C71

 B7A383

 B7AA95

 B7B1A7

 B7B8BA

Harmonies

Analogous

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



D8643F



B77A15



898C0A

Triad

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



B77A15



009F9F



A96DD2

Complementary

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



B77A15



1552B7

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.



4A84ED



B77A15



009DCF

Square

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



B77A15



009D68



0094EC



D757A4

Rectangle

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



B77A15



639426



0094EC



9175DE

Sweetspot

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



B77A15



EDD5AD



B71553



786951



F7F7F7



787878

Same Dimension

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



B77A15



ED9400



A4B715



5C5853



9C6100



1C1100

Inverse Universe

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



1552B7



0059ED



2815B7



53565C



003B9C



000B1C

Previews

White Background



This preview shows how the Hex color B77A15 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black 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 × Fail

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

Hex B77A15 Background



This preview shows how black text looks on a background with the Hex color B77A15.



This preview shows how white text looks on a background with the Hex color B77A15.

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
B77A15

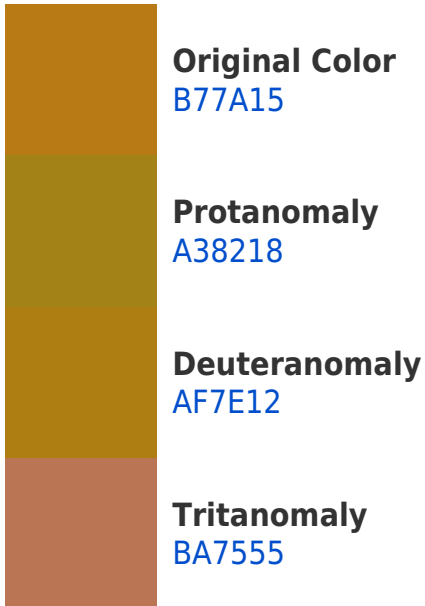
Protanopia
988719

Deuteranopia
AB8010

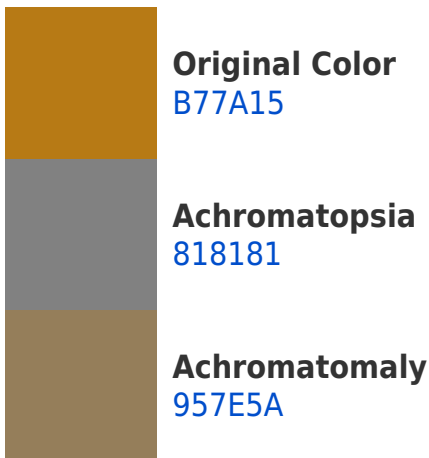


Tritanopia
BC727A

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex B77A15 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 #B77A15 looks like.

```
.text, #text, p{  
  color:#B77A15  
}
```

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 #B77A15 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B77A15
}
```

Border

The CSS property to change the border of an element to Hex B77A15 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
#B77A15 }
```

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

```
.border{ border-color:#B77A15 }
```

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

Here you see how a box with a 4 pixel #B77A15 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B77A15; -webkit-box-shadow:4px 4px  
4px 4px #B77A15; box-shadow:4px 4px 4px  
4px #B77A15 }
```

Background

The CSS property to change the background color of an element to Hex B77A15 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B77A15 }
```

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

```
.background{ background-color:#B77A15 }
```

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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