

Converting Colors

Hex(B17014)

Have a look what the booklet for
Hex(B17014) contains.

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Color

Hex(B17014)

Conversions

Conversions Part 1

Format	Color
Hex	B17014
RGB	177, 112, 20
RGB Percent	69%, 44%, 8%
CMY	0.3059, 0.5608, 0.9216
CMYK	0.00, 0.37, 0.89, 0.31
HSL	35°, 80%, 39%
HSV	35°, 89%, 69%
XYZ	24.0519, 20.9860, 3.4448
YIQ	120.9470, 68.2720, -14.8320

Conversions

Conversions Part 2

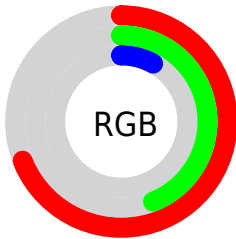
Format	Color
RYB	131, 177, 20
Decimal	11628564
CIELab	52.93, 19.13, 55.60
CIELCh	53, 58.795, 71.015
Yxy	20.9860, 0.4961, 0.4329
Android (android.graphics.Color)	4289818644 (0xFFB17014)
YUV	120.9470, -49.7669, 49.1585
Hunter-Lab	45.8104, 13.5498, 27.6088

Details

The Hex color **B17014** is a dark color, and the websafe version is hex **996600**. A complement of this color would be **1455B1**, and the grayscale version is **797979**.

A 20% lighter version of the original color is **EDA44B**, and **774000** is the 20% darker color. If you saturate the color by 10%, you get **B16902**, and if you desaturate by 10%, it is **B17726**.

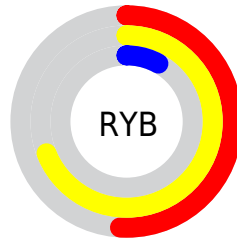
Distribution



Red (69%)

Green (44%)

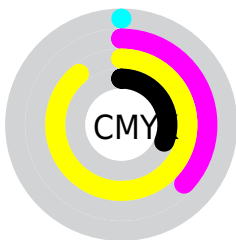
Blue (8%)



Red (51%)

Yellow (69%)

Blue (8%)

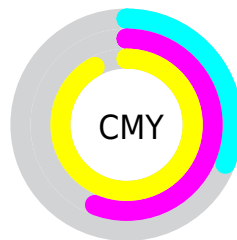


Cyan (0%)

Magenta (37%)

Yellow (89%)

Black (31%)



Cyan (31%)

Magenta (56%)

Yellow (92%)

Brightness & Saturation Gradients

These gradients show how the Hex color B17014 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 B17014 by changing the saturation by 10% instead.

 B17014

 B17014

FFFFFF

 945700

 EDA44B

 774000

 FFBF65

 5A2A00

 FFDB7F

 3F1400

 FFF79A

 270000

 FFFFB6

 000000

 FFFF D2

 FFFF EF

 B17014

 B17014


 B16902

 B17726

 B16800

 B17F37

 B18649

 B18D5B

 B1956C

 B19C7E

 B1A390

 B1ABA2

 B1B2B3

Harmonies

Analogous

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



CF5A3E



B17014



868200

Triad

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



B17014



009690



9868CB

Complementary

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



B17014



1455B1

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.



2D7EE2



B17014



0094C0

Square

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



B17014



00945C



008DDE



C852A0

Rectangle

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



B17014



638A1C



008DDE



7F70D6

Sweetspot

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



B17014



E6CCA8



B11455



73644E



F2F2F2



737373

Same Dimension

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



B17014



E68600



A4B114



595650



995A00



1A0F00

Inverse Universe

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



1455B1



005FE6



2114B1



505459



003F99



000B1A

Previews

White Background



This preview shows how the Hex color B17014 looks on a white background.

Color Contrast Check

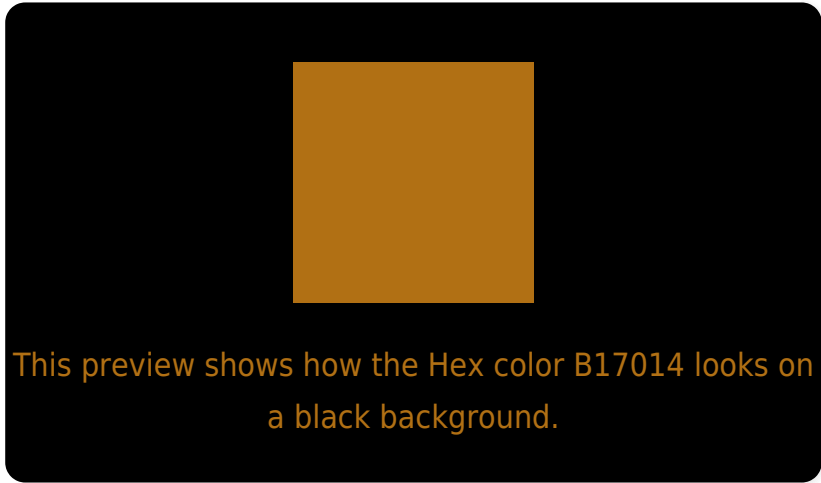
Large Text (above 18pt) WCAG AA ✓ Pass

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 B17014 Background



This preview shows how black text looks on a background with the Hex color B17014.



This preview shows how white text looks on a background with the Hex color B17014.

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
B17014

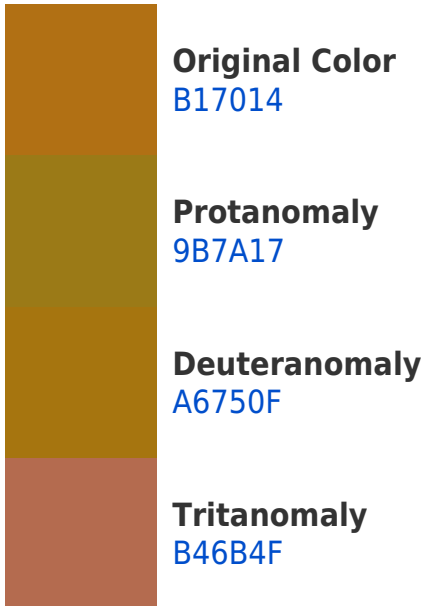
Protanopia
8F7F18

Deuteranopia
A0780C

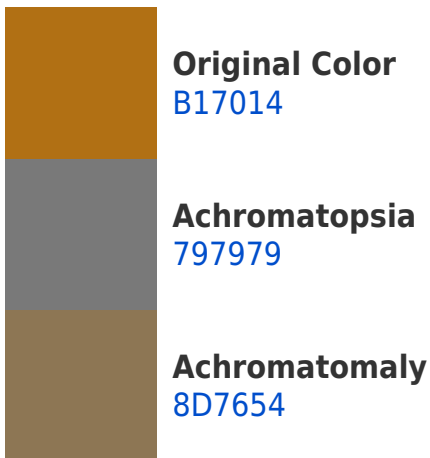


Tritanopia
B56870

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex B17014 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 #B17014 looks like.

```
.text, #text, p{  
    color:#B17014  
}
```

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 #B17014 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B17014
}
```

Border

The CSS property to change the border of an element to Hex B17014 is called "border". The border property can be set on classes, ids or directly on the HTML element.

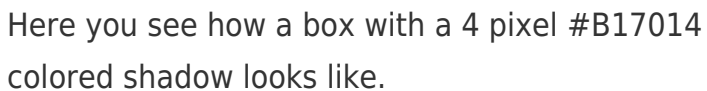
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#B17014 }
```

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

```
.border{ border-color:#B17014 }
```

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

A rectangular box with a 4px orange shadow. The box is white with a thin orange border. The shadow is a solid orange color, 4 pixels wide and 4 pixels high, positioned to the right and bottom of the box. The text inside the box is black and reads: "Here you see how a box with a 4 pixel #B17014 colored shadow looks like."

Here you see how a box with a 4 pixel #B17014 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B17014; -webkit-box-shadow:4px 4px  
4px 4px #B17014; box-shadow:4px 4px 4px  
4px #B17014 }
```

Background

The CSS property to change the background color of an element to Hex B17014 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B17014 }
```

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

```
.background{ background-color:#B17014 }
```

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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