

# Converting Colors

Hex(B17D35)

Have a look what the booklet for  
Hex(B17D35) contains.

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**Color**

**Hex(B17D35)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	B17D35
RGB	177, 125, 53
RGB Percent	69%, 49%, 21%
CMY	0.3059, 0.5098, 0.7922
CMYK	0.00, 0.29, 0.70, 0.31
HSL	35°, 54%, 45%
HSV	35°, 70%, 69%
XYZ	26.1077, 24.2714, 6.6770
YIQ	132.3400, 54.1040, -11.3680

# Conversions

## Conversions Part 2

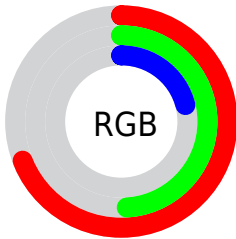
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	143, 177, 53
Decimal	11631925
CIE <sub>Lab</sub>	56.36, 13.13, 45.89
CIE <sub>LCh</sub>	56, 47.730, 74.030
Yxy	24.2714, 0.4576, 0.4254
Android (android.graphics.Color)	4289822005 (0xFFB17D35)
YUV	132.3400, -39.1146, 39.1668
Hunter-Lab	49.2660, 8.3776, 26.4507

# Details

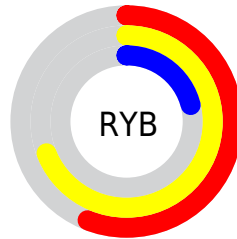
The Hex color **B17D35** is a dark color, and the websafe version is hex **996600**. A complement of this color would be **3569B1**, and the grayscale version is **858585**.

A 20% lighter version of the original color is **ECB267**, and **784C00** is the 20% darker color. If you saturate the color by 10%, you get **B17623**, and if you desaturate by 10%, it is **B18447**.

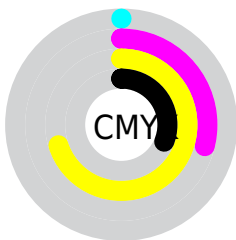
# Distribution



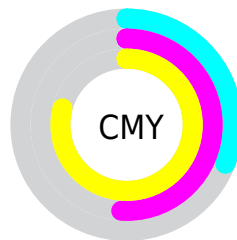
- Red (69%)
- Green (49%)
- Blue (21%)



- Red (56%)
- Yellow (69%)
- Blue (21%)



- Cyan (0%)
- Magenta (29%)
- Yellow (70%)
- Black (31%)



- Cyan (31%)
- Magenta (51%)
- Yellow (79%)

# Brightness & Saturation Gradients

These gradients show how the Hex color B17D35 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 B17D35 by changing the saturation by 10% instead.



 B17D35

 B17D35

FFFFFF

 94641C

 ECB267

 784C00

 FFCD81

 5D3500

 FFE99C

 422000

 FFFFB7

 280C00

 FFFFD3

 000000

 FFFFF0

 B17D35

 B17D35

 B17623

 B18447

 B16E12

 B18C58

 B16700

 B1936A

 B19B7C

 B1A28E

 B1AA9F

 B1B1B1

 B1B8C3

 B1C0D4

# Harmonies

## Analogous

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



CB6D4F



B17D35



8C8B32

# Triad

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



B17D35



009C9A



A374C3

# Complementary

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



B17D35



3569B1

# 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.



6285D8



B17D35



0099C0

# Square

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



B17D35



009A6F



0092D7



C8669F

# Rectangle

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



B17D35



6E923F



0092D7



917ACC



# Sweetspot

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



B17D35



E6D1B5



B1356B



736756



F2F2F2



737373



# Same Dimension

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



B17D35



E69525



A9B135



595650



995900



1A0F00



# Inverse Universe

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



3569B1



2576E6



3D35B1



505459



004099

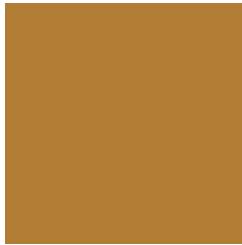


000B1A



# Previews

## White Background



This preview shows how the Hex color B17D35 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 B17D35 Background



This preview shows how black text looks on a background with the Hex color B17D35.



This preview shows how white text looks on a background with the Hex color B17D35.

# 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**  
B17D35

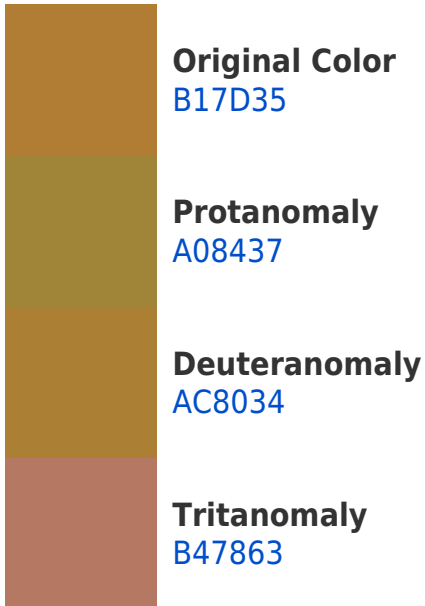
**Protanopia**  
978838

**Deuteranopia**  
A98134

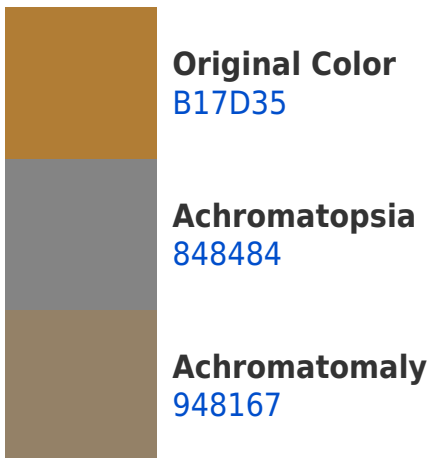


**Tritanopia**  
B6757E

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex B17D35 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 #B17D35 looks like.

```
.text, #text, p{  
    color:#B17D35  
}
```

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 #B17D35 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B17D35
}
```

## Border

The CSS property to change the border of an element to Hex B17D35 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
#B17D35 }
```

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

```
.border{ border-color:#B17D35 }
```

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

Here you see how a box with a 4 pixel #B17D35 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B17D35; -webkit-box-shadow:4px 4px  
4px 4px #B17D35; box-shadow:4px 4px 4px  
4px #B17D35 }
```

# Background

The CSS property to change the background color of an element to Hex B17D35 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B17D35 }
```

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

```
.background{ background-color:#B17D35 }
```

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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