

# Converting Colors

Hex(B86D0A)

Have a look what the booklet for  
Hex(B86D0A) contains.

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**Color**

**Hex(B86D0A)**

# Conversions

## Conversions Part 1

Format	Color
Hex	B86D0A
RGB	184, 109, 10
RGB Percent	72%, 43%, 4%
CMY	0.2784, 0.5725, 0.9608
CMYK	0.00, 0.41, 0.95, 0.28
HSL	34°, 90%, 38%
HSV	34°, 95%, 72%
XYZ	25.2906, 21.1495, 3.0365
YIQ	120.1390, 76.4790, -14.8890

# Conversions

## Conversions Part 2

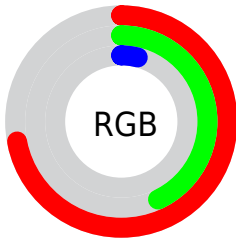
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	142, 184, 10
Decimal	12086538
CIE <sub>Lab</sub>	53.11, 23.70, 58.51
CIE <sub>LCh</sub>	53, 63.126, 67.953
Yxy	21.1495, 0.5112, 0.4275
Android (android.graphics.Color)	4290276618 (0xFFB86D0A)
YUV	120.1390, -54.2985, 56.0061
Hunter-Lab	45.9886, 17.6826, 28.2773

# Details

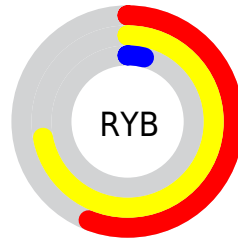
The Hex color **B86D0A** is a dark color, and the websafe version is hex **996600**. A complement of this color would be **0A55B8**, and the grayscale version is **797979**.

A 20% lighter version of the original color is **F5A145**, and **7D3D00** is the 20% darker color. If you saturate the color by 10%, you get **B86900**, and if you desaturate by 10%, it is **B8751C**.

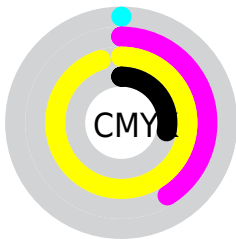
# Distribution



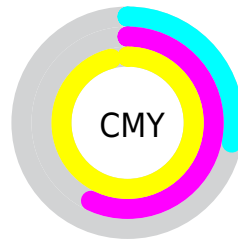
- Red (72%)
- Green (43%)
- Blue (4%)



- Red (56%)
- Yellow (72%)
- Blue (4%)



- Cyan (0%)
- Magenta (41%)
- Yellow (95%)
- Black (28%)



- Cyan (28%)
- Magenta (57%)
- Yellow (96%)

# Brightness & Saturation Gradients

These gradients show how the Hex color B86D0A 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 B86D0A by changing the saturation by 10% instead.



 B86D0A

 B86D0A

FFFFFF

 9A5400

 F5A145

 7D3D00

 FFBC60

 602600

 FFD87A

 441000

 FFF495

 2B0000

 FFFFB1

 000000

 FFFFCD

 FFFFEE9

 B86D0A

 B86D0A

 B86900

 B8751C

 B87D2F

 B88541

 B88D54

 B89566

 B89D78

 B8A58B

 B8AC9D

 B8B4B0

# Harmonies

## Analogous

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



D6553F



B86D0A



8B8100

# Triad

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



B86D0A



00988C



9269D5

# Complementary

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



B86D0A



0A55B8

# 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.



0081EB



B86D0A



0096C1

# Square

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



B86D0A



009554



008FE4



CA50A9

# Rectangle

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



B86D0A



668A06



008FE4



7572E0



# Sweetspot

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



B86D0A



F0D3AD



B80A55



78664F



F7F7F7



787878



# Same Dimension

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



B86D0A



F08800



ACB80A



5C5853



9C5900



1C1000



# Inverse Universe

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



0A55B8



0067F0



160AB8



53575C



00439C



000C1C



# Previews

## White Background



This preview shows how the Hex color B86D0A looks on a white background.

## Color Contrast Check

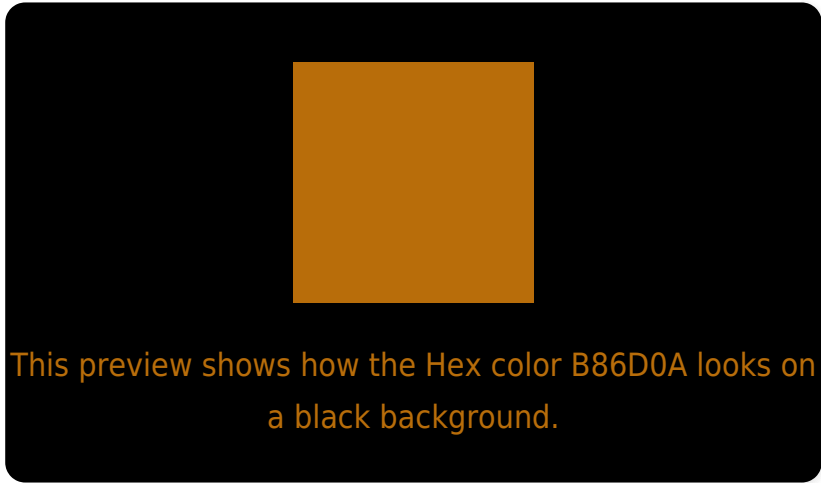
Large Text (above 18pt) WCAG AA ✓ Pass

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 B86D0A Background



This preview shows how black text looks on a background with the Hex color B86D0A.



This preview shows how white text looks on a background with the Hex color B86D0A.

# 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**  
B86D0A

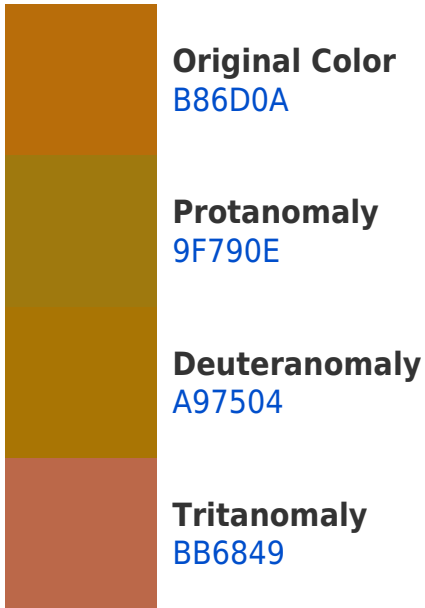
**Protanopia**  
908011

**Deuteranopia**  
A17900

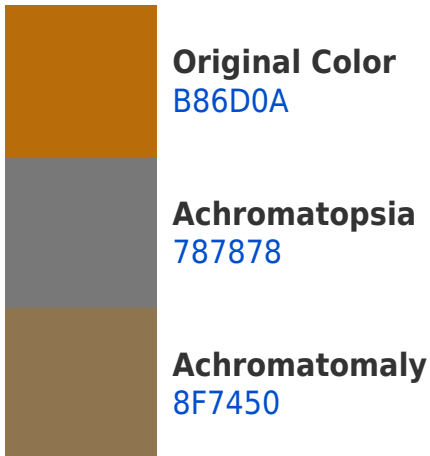


**Tritanopia**  
BC656D

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex B86D0A 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 #B86D0A looks like.

```
.text, #text, p{  
    color:#B86D0A  
}
```

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 #B86D0A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B86D0A
}
```

## Border

The CSS property to change the border of an element to Hex B86D0A 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
#B86D0A }
```

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

```
.border{ border-color:#B86D0A }
```

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

Here you see how a box with a 4 pixel #B86D0A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B86D0A; -webkit-box-shadow:4px 4px  
4px 4px #B86D0A; box-shadow:4px 4px 4px  
4px #B86D0A }
```

# Background

The CSS property to change the background color of an element to Hex B86D0A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B86D0A }
```

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

```
.background{ background-color:#B86D0A }
```

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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