

# Converting Colors

Hex(B7A507)

Have a look what the booklet for  
Hex(B7A507) contains.

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**Color**

**Hex(B7A507)**

# Conversions

## Conversions Part 1

Format	Color
Hex	B7A507
RGB	183, 165, 7
RGB Percent	72%, 65%, 3%
CMY	0.2824, 0.3529, 0.9725
CMYK	0.00, 0.10, 0.96, 0.28
HSL	54°, 93%, 37%
HSV	54°, 96%, 72%
XYZ	33.0219, 36.9929, 5.6009
YIQ	152.3700, 61.4460, -45.3220

# Conversions

## Conversions Part 2

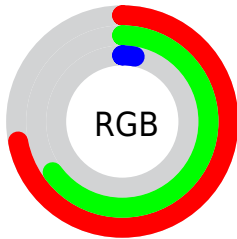
Format	Color
R <sub>Y</sub> B	27, 183, 7
Decimal	12035335
CIE Lab	67.27, -7.43, 69.19
CIE LCh	67, 69.589, 96.129
Yxy	36.9929, 0.4367, 0.4892
Android (android.graphics.Color)	4290225415 (0xFFB7A507)
YUV	152.3700, -71.6674, 26.8625
Hunter-Lab	60.8218, -9.5252, 37.1154

# Details

The Hex color **B7A507** is a dark color, and the websafe version is hex **999900**. A complement of this color would be **0719B7**, and the grayscale version is **999999**.

A 20% lighter version of the original color is **F3DC4E**, and **7D7200** is the 20% darker color. If you saturate the color by 10%, you get **B7A400**, and if you desaturate by 10%, it is **B7A719**.

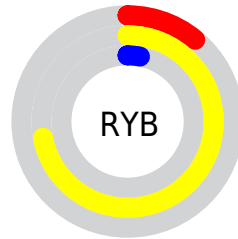
# Distribution



Red (72%)

Green (65%)

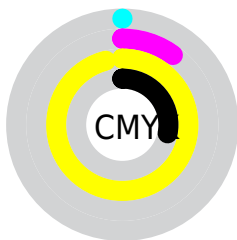
Blue (3%)



Red (11%)

Yellow (72%)

Blue (3%)

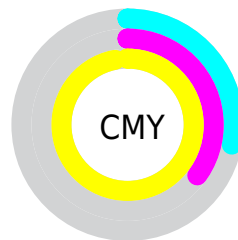


Cyan (0%)

Magenta (10%)

Yellow (96%)

Black (28%)



Cyan (28%)

Magenta (35%)

Yellow (97%)

# Brightness & Saturation Gradients

These gradients show how the Hex color B7A507 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 B7A507 by changing the saturation by 10% instead.



 B7A507

 B7A507

FFFFFF

 9A8B00

 F3DC4E

 7D7200

 FFF86B

 625900

 FFFF86

 464200

 FFFFA2

 2C2D00

 FFFFBF

 131900

 FFFFDC

 000000

 FFFFF9

 B7A507

 B7A507

 B7A400

 B7A719

 B7A92C

 B7AB3E

 B7AC50

 B7AE63

 B7B075

 B7B287

 B7B499

 B7B6AC

# Harmonies

## Analogous

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



EA8E29



B7A507



75B534

# Triad

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



B7A507



00C0EC



F971D8

# Complementary

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



B7A507



0719B7

# 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.



B68DFF



B7A507



00B8FF

# Square

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



B7A507



00C1AF



00A7FF



FF6599

# Rectangle

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



B7A507



2DBB5A



00A7FF



E77AEB



# Sweetspot

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



B7A507



EDE6A8



B7071C



78744E



F7F7F7



787878



# Same Dimension

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



B7A507



EDD500



74B707



5C5B53



9C8C00



1C1900



# Inverse Universe

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



0719B7



0018ED



4A07B7



53545C



00109C



00031C



# Previews

## White Background



This preview shows how the Hex color B7A507 looks on a white background.

## Color Contrast Check

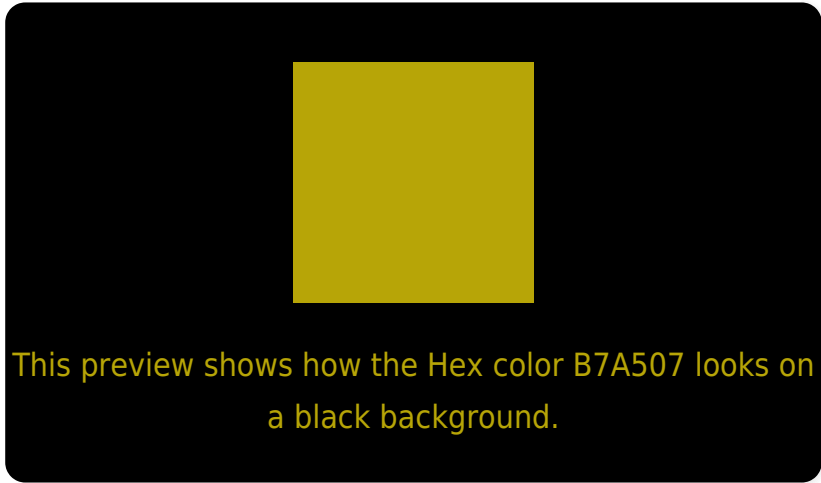
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

# 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 ✓ Pass

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



## Hex B7A507 Background



This preview shows how black text looks on a background with the Hex color B7A507.

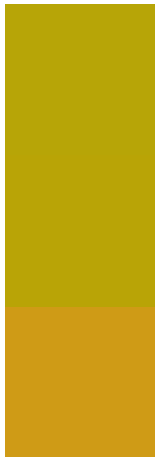


This preview shows how white text looks on a background with the Hex color B7A507.

# 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**  
B7A507

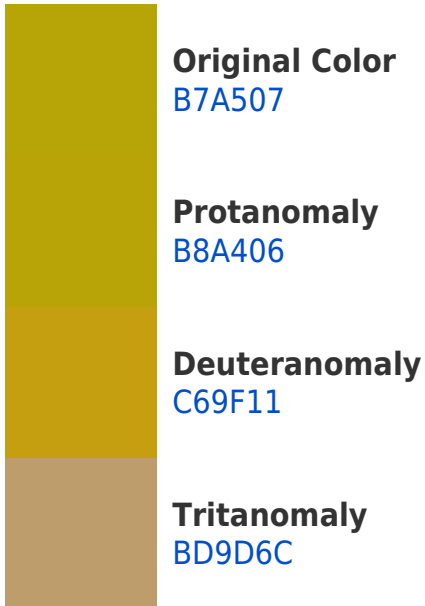
**Protanopia**  
B9A406

**Deuteranopia**  
CF9B16

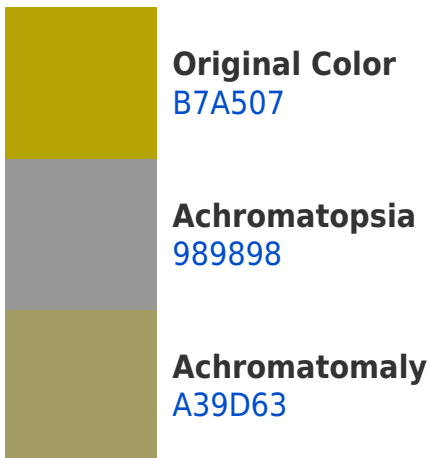


**Tritanopia**  
C199A5

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex B7A507 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 #B7A507 looks like.

```
.text, #text, p{  
    color:#B7A507  
}
```

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 #B7A507 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B7A507
}
```

## Border

The CSS property to change the border of an element to Hex B7A507 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
#B7A507 }
```

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

```
.border{ border-color:#B7A507 }
```

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

Here you see how a box with a 4 pixel #B7A507 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B7A507; -webkit-box-shadow:4px 4px  
4px 4px #B7A507; box-shadow:4px 4px 4px  
4px #B7A507 }
```

# Background

The CSS property to change the background color of an element to Hex B7A507 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B7A507 }
```

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

```
.background{ background-color:#B7A507 }
```

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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