

# Converting Colors

Hex(BD7215)

Have a look what the booklet for  
Hex(BD7215) contains.

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**Color**

**Hex(BD7215)**

# Conversions

## Conversions Part 1

Format	Color
Hex	BD7215
RGB	189, 114, 21
RGB Percent	74%, 45%, 8%
CMY	0.2588, 0.5529, 0.9176
CMYK	0.00, 0.40, 0.89, 0.26
HSL	33°, 80%, 41%
HSV	33°, 89%, 74%
XYZ	27.1389, 22.9076, 3.7007
YIQ	125.8230, 74.5530, -13.0230

# Conversions

## Conversions Part 2

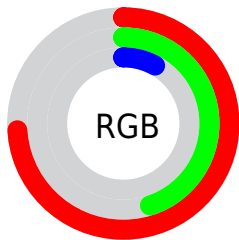
Format	Color
<a href="#">RYB</a>	<a href="#">156, 189, 21</a>
Decimal	<a href="#">12415509</a>
CIELab	<a href="#">54.98, 23.31, 57.59</a>
CIElCh	<a href="#">55, 62.129, 67.963</a>
Yxy	<a href="#">22.9076, 0.5049, 0.4262</a>
Android (android.graphics.Color)	<a href="#">4290605589 (0xFFBD7215)</a>
YUV	<a href="#">125.8230, -51.6777, 55.4062</a>
Hunter-Lab	<a href="#">47.8619, 17.4559, 28.9190</a>

# Details

The Hex color **BD7215** is a dark color, and the websafe version is hex **996600**. A complement of this color would be **1560BD**, and the grayscale version is **7E7E7E**.

A 20% lighter version of the original color is **FAA64C**, and **824100** is the 20% darker color. If you saturate the color by 10%, you get **BD6A02**, and if you desaturate by 10%, it is **BD7A28**.

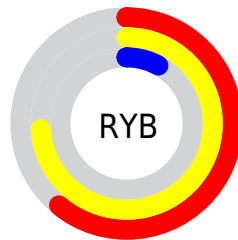
# Distribution



Red (74%)

Green (45%)

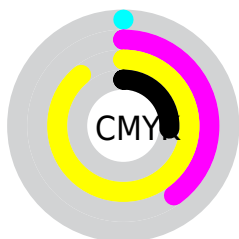
Blue (8%)



Red (61%)

Yellow (74%)

Blue (8%)

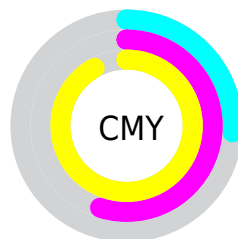


Cyan (0%)

Magenta (40%)

Yellow (89%)

Black (26%)



Cyan (26%)

Magenta (55%)

Yellow (92%)

# Brightness & Saturation Gradients

These gradients show how the Hex color BD7215 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 BD7215 by changing the saturation by 10% instead.



 BD7215

 BD7215

FFFFFF

 9F5900

 FAA64C

 824100

 FFC166

 652B00

 FFDD81

 491500

 FFFA9C

 2E0000

 FFFF88

 040000

 FFFFD4

 000000

 FFFFF1

 BD7215

 BD7215

 BD6A02

 BD7A28

 BD6900

 BD833B

 BD8B4E

 BD9461

 BD9C74

 BDA586

 BDAD99

 BDB6AC

 BDBEBF

# Harmonies

## Analogous

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



DB5B44



BD7215



908600

# Triad

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



BD7215



009D91



976FD9

# Complementary

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



BD7215



1560BD

# 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.



0085EF



BD7215



009BC5

# Square

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



BD7215



009A59



0094E7



CF56AD

# Rectangle

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



BD7215



6C8F13



0094E7



7B77E3



# Sweetspot

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



BD7215



F5D7B3



BD1561



7A6953



FAFAFA



7A7A7A



# Same Dimension

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



BD7215



F58800



B5BD15



5E5A55



9E5800



1F1100



# Inverse Universe

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



1560BD



006DF5



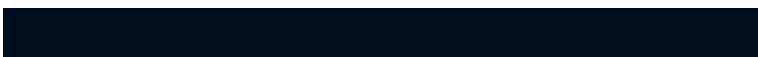
1D15BD



55595E



00479E



000E1F



# Previews

## White Background



This preview shows how the Hex color BD7215 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 BD7215 Background



This preview shows how black text looks on a background with the Hex color BD7215.



This preview shows how white text looks on a background with the Hex color BD7215.

# 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**  
BD7215

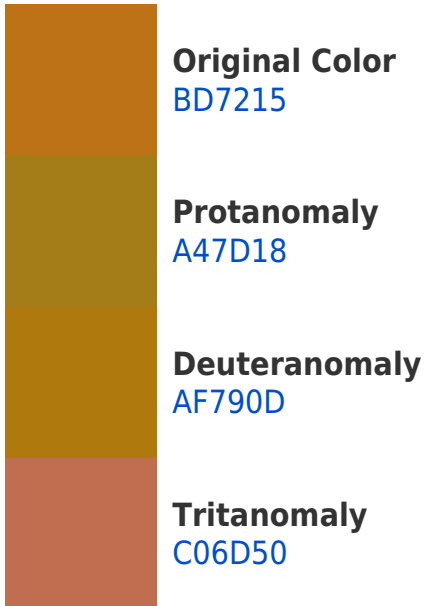
**Protanopia**  
95841A

**Deuteranopia**  
A77D09

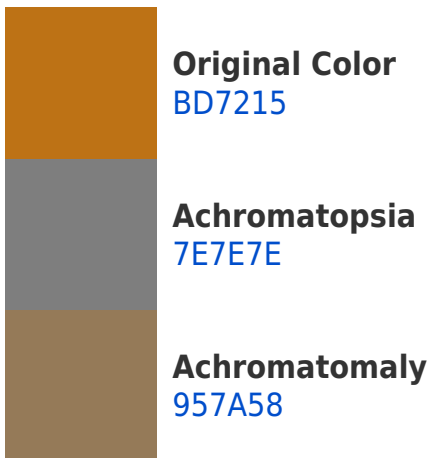


**Tritanopia**  
C16A72

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex BD7215 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 #BD7215 looks like.

```
.text, #text, p{  
    color:#BD7215  
}
```

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 #BD7215 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #BD7215
}
```

## Border

The CSS property to change the border of an element to Hex BD7215 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
#BD7215 }
```

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

```
.border{ border-color:#BD7215 }
```

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

Here you see how a box with a 4 pixel #BD7215 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #BD7215; -webkit-box-shadow:4px 4px  
4px 4px #BD7215; box-shadow:4px 4px 4px  
4px #BD7215 }
```

# Background

The CSS property to change the background color of an element to Hex BD7215 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#BD7215 }
```

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

```
.background{ background-color:#BD7215 }
```

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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