

# Converting Colors

Hex(B99D15)

Have a look what the booklet for  
Hex(B99D15) contains.

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**Color**

**Hex(B99D15)**

# Conversions

## Conversions Part 1

Format	Color
Hex	B99D15
RGB	185, 157, 21
RGB Percent	73%, 62%, 8%
CMY	0.2745, 0.3843, 0.9176
CMYK	0.00, 0.15, 0.89, 0.27
HSL	50°, 80%, 40%
HSV	50°, 89%, 73%
XYZ	32.1999, 34.4824, 5.6681
YIQ	149.8680, 60.3440, -36.3600

# Conversions

## Conversions Part 2

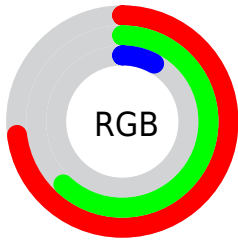
Format	Color
<a href="#">RYB</a>	55, 185, 21
Decimal	12164373
CIELab	65.34, -2.06, 65.57
CIElCh	65, 65.603, 91.800
Yxy	34.4824, 0.4451, 0.4766
Android (android.graphics.Color)	4290354453 (0xFFB99D15)
YUV	149.8680, -63.5319, 30.8108
Hunter-Lab	58.7217, -4.8829, 35.3822

# Details

The Hex color **B99D15** is a dark color, and the websafe version is hex **CC9900**. A complement of this color would be **1531B9**, and the grayscale version is **969696**.

A 20% lighter version of the original color is **F5D353**, and **7F6A00** is the 20% darker color. If you saturate the color by 10%, you get **B99A03**, and if you desaturate by 10%, it is **B9A028**.

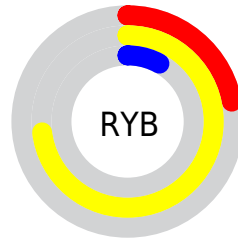
# Distribution



Red (73%)

Green (62%)

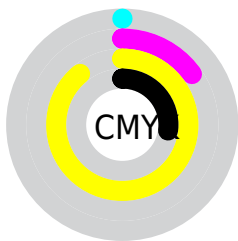
Blue (8%)



Red (22%)

Yellow (73%)

Blue (8%)

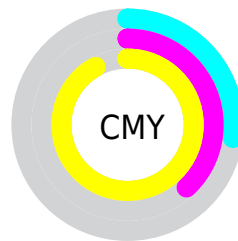


Cyan (0%)

Magenta (15%)

Yellow (89%)

Black (27%)



Cyan (27%)

Magenta (38%)

Yellow (92%)

# Brightness & Saturation Gradients

These gradients show how the Hex color B99D15 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 B99D15 by changing the saturation by 10% instead.



 B99D15

 B99D15

FFFFFF

 9C8300

 F5D353

 7F6A00

 FFEF6E

 645200

 FFFF8A

 483C00

 FFFFA6

 2E2600

 FFFFC2

 151200

 FFFFDF

 000000

 FFFFFC

 B99D15

 B99D15

 B99A03

 B9A028

 B99900

 B9A33A

 B9A64D

 B9AA5F

 B9AD72

 B9B084

 B9B397

 B9B6A9

 B9B9BC

# Harmonies

## Analogous

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



E78734



B99D15



7EAD30

# Triad

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



B99D15



00BADB



E874D7

# Complementary

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



B99D15



1531B9

# 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.



A38DFF



B99D15



00B3FF

# Square

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



B99D15



00BAA1



00A4FF



FF659E

# Rectangle

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



B99D15



46B452



00A4FF



D67CE8



# Sweetspot

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



B99D15



F0E5AF



B91533



787151



F7F7F7



787878



# Same Dimension

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



B99D15



F0C700



85B915



5C5A53



9C8100



1C1700



# Inverse Universe

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



1531B9



0029F0



4915B9



53545C



001B9C

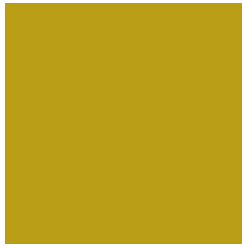


00051C



# Previews

## White Background



This preview shows how the Hex color B99D15 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 B99D15 Background



This preview shows how black text looks on a background with the Hex color B99D15.



This preview shows how white text looks on a background with the Hex color B99D15.

# 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**  
B99D15

**Protanopia**  
B39F16

**Deuteranopia**  
C8971A

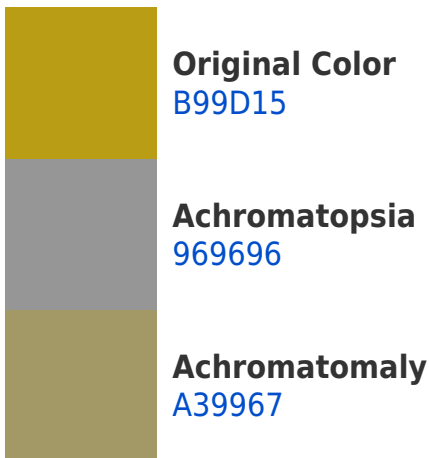


**Tritanopia**  
C2929D

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex B99D15 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 #B99D15 looks like.

```
.text, #text, p{  
    color:#B99D15  
}
```

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 #B99D15 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B99D15
}
```

## Border

The CSS property to change the border of an element to Hex B99D15 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
#B99D15 }
```

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

```
.border{ border-color:#B99D15 }
```

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

Here you see how a box with a 4 pixel #B99D15 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B99D15; -webkit-box-shadow:4px 4px  
4px 4px #B99D15; box-shadow:4px 4px 4px  
4px #B99D15 }
```

# Background

The CSS property to change the background color of an element to Hex B99D15 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B99D15 }
```

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

```
.background{ background-color:#B99D15 }
```

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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