

Converting Colors

Hex(BDA462)

Have a look what the booklet for
Hex(BDA462) contains.

Hex(BDA462)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(BDA462)

Conversions

Conversions Part 1

Format	Color
Hex	BDA462
RGB	189, 164, 98
RGB Percent	74%, 64%, 38%
CMY	0.2588, 0.3569, 0.6157
CMYK	0.00, 0.13, 0.48, 0.26
HSL	44°, 41%, 56%
HSV	44°, 48%, 74%
XYZ	36.4663, 38.2516, 17.0166
YIQ	163.9510, 36.0860, -15.2260

Conversions

Conversions Part 2

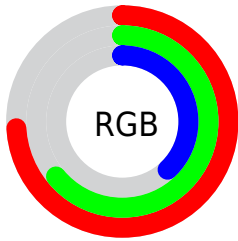
Format	Color
RYB	132, 189, 98
Decimal	12428386
CIELab	68.21, 0.36, 37.45
CIELCh	68, 37.455, 89.444
Yxy	38.2516, 0.3975, 0.4170
Android (android.graphics.Color)	4290618466 (0xFFBDA462)
YUV	163.9510, -32.5138, 21.9680
Hunter-Lab	61.8479, -2.9878, 26.9807

Details

The Hex color **BDA462** is a light color, and the websafe version is hex **CC9966**. A complement of this color would be **627BBD**, and the grayscale version is **A4A4A4**.

A 20% lighter version of the original color is **F7DB96**, and **867031** is the 20% darker color. If you saturate the color by 10%, you get **BD9F4F**, and if you desaturate by 10%, it is **BDA975**.

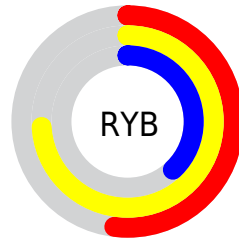
Distribution



Red (74%)

Green (64%)

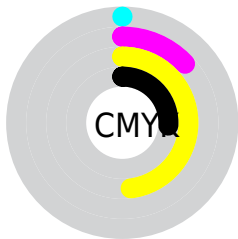
Blue (38%)



Red (52%)

Yellow (74%)

Blue (38%)

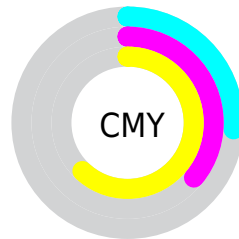


Cyan (0%)

Magenta (13%)

Yellow (48%)

Black (26%)



Cyan (26%)

Magenta (36%)

Yellow (62%)

Brightness & Saturation Gradients

These gradients show how the Hex color BDA462 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 BDA462 by changing the saturation by 10% instead.

 BDA462

 BDA462

FFFFFF

 A18A49

 F7DB96

 867031

 FFF7B1

 6B5819

 FFFFCD

 514100

 FFFF E9

 382B00

 201700

 000000

 BDA462

 BDA462

 BD9F4F

 BDA975

 BD9A3C

 BDAE88

 BD9429

 BDB49B

 BD8F16

 BDB9AE

 BD8A03

 BDBEC1

 BD8900

 BDC3D3

 BDC8E6

 BDCEF9

 BDD3FF

Harmonies

Analogous

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



D8986D



BDA462



9AAE6A

Triad

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



BDA462



0AB8C6



D092C9

Complementary

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



BDA462



627BBD

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.



A99EE1



BDA462



35B3E0

Square

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



BDA462



43B8A4



74AAE9



E58CA8

Rectangle

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



BDA462



80B379



74AAE9



C596D3

Sweetspot

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



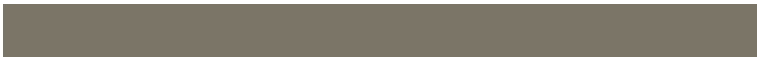
BDA462



F5EBD3



BD627C



7A7566



FAFAFA



7A7A7A

Same Dimension

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



BDA462



F5CE67



A9BD62



5E5C55



9E7300



1F1600

Inverse Universe

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



627BBD



678EF5



7662BD



55585E



002B9E



00081F

Previews

White Background



This preview shows how the Hex color BDA462 looks on a white background.

Color Contrast Check

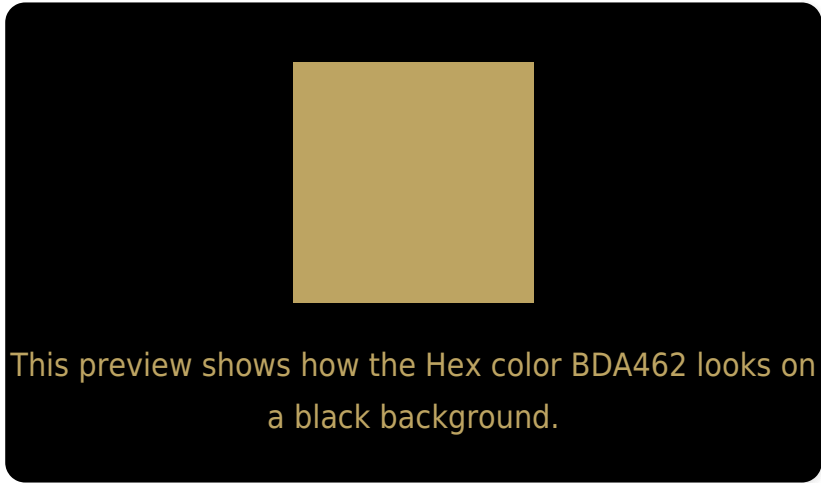
Large Text (above 18pt) WCAG AA × Fail

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 BDA462 Background



This preview shows how black text looks on a background with the Hex color BDA462.



This preview shows how white text looks on a background with the Hex color BDA462.

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
BDA462

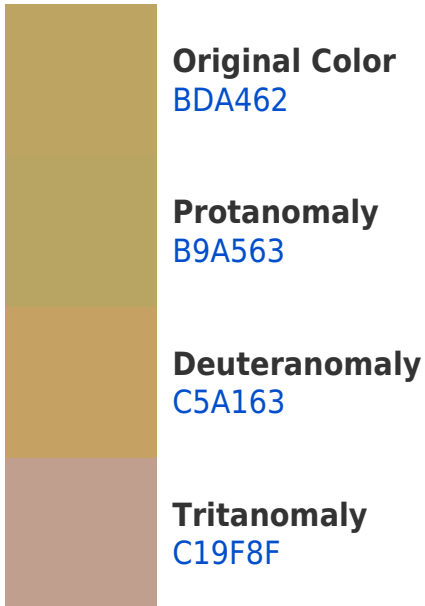
Protanopia
B6A663

Deuteranopia
CA9F63

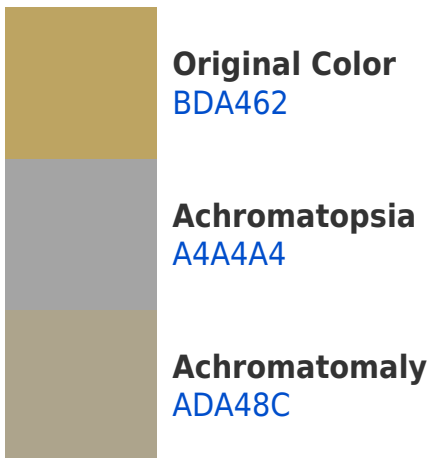


Tritanopia
C49CA8

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex BDA462 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 #BDA462 looks like.

```
.text, #text, p{  
    color:#BDA462  
}
```

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 #BDA462 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #BDA462
}
```

Border

The CSS property to change the border of an element to Hex BDA462 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
#BDA462 }
```

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

```
.border{ border-color:#BDA462 }
```

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

Here you see how a box with a 4 pixel #BDA462 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #BDA462; -webkit-box-shadow:4px 4px  
4px 4px #BDA462; box-shadow:4px 4px 4px  
4px #BDA462 }
```

Background

The CSS property to change the background color of an element to Hex BDA462 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#BDA462 }
```

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

```
.background{ background-color:#BDA462 }
```

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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