

Converting Colors

Hex(BDA562)

Have a look what the booklet for
Hex(BDA562) contains.

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Color

Hex(BDA562)

Conversions

Conversions Part 1

Format	Color
Hex	BDA562
RGB	189, 165, 98
RGB Percent	74%, 65%, 38%
CMY	0.2588, 0.3529, 0.6157
CMYK	0.00, 0.13, 0.48, 0.26
HSL	44°, 41%, 56%
HSV	44°, 48%, 74%
XYZ	36.6460, 38.6109, 17.0765
YIQ	164.5380, 35.8110, -15.7490

Conversions

Conversions Part 2

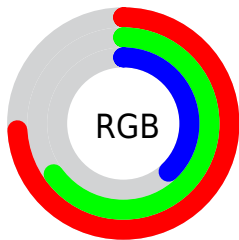
Format	Color
RYB	131, 189, 98
Decimal	12428642
CIELab	68.47, -0.17, 37.78
CIElCh	68, 37.780, 90.264
Yxy	38.6109, 0.3969, 0.4182
Android (android.graphics.Color)	4290618722 (0xFFBDA562)
YUV	164.5380, -32.8032, 21.4532
Hunter-Lab	62.1377, -3.4697, 27.2025

Details

The Hex color **BDA562** is a light color, and the websafe version is hex **CC9966**. A complement of this color would be **627ABD**, and the grayscale version is **A5A5A5**.

A 20% lighter version of the original color is **F7DC96**, and **867131** is the 20% darker color. If you saturate the color by 10%, you get **BDA04F**, and if you desaturate by 10%, it is **BDAA75**.

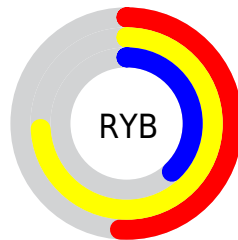
Distribution



Red (74%)

Green (65%)

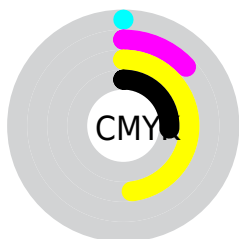
Blue (38%)



Red (51%)

Yellow (74%)

Blue (38%)

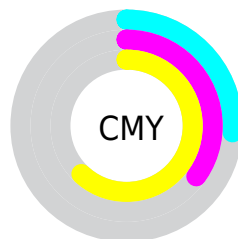


Cyan (0%)

Magenta (13%)

Yellow (48%)

Black (26%)



Cyan (26%)

Magenta (35%)

Yellow (62%)

Brightness & Saturation Gradients

These gradients show how the Hex color BDA562 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 BDA562 by changing the saturation by 10% instead.

 BDA562

 BDA562

FFFFFF

 A18B49

 F7DC96

 867131

 FFF8B1

 6B5919

 FFFFCD

 514200

 FFFFEE9

 382C00

 201800

 000000

 BDA562

 BDA562

 BDA04F

 BDAA75

 BD9B3C

 BDAF88

 BD9629

 BDB49B

 BD9116

 BDB9AE

 BD8C03

 BDBEC1

 BD8B00

 BDC3D3

 BDC8E6

 BDCDF9

 BDD2FF

Harmonies

Analogous

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



D9996D



BDA562



99AF6B

Triad

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



BDA562



02B8C8



D292C9

Complementary

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



BDA562



627ABD

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.



AB9EE2



BDA562



35B3E1

Square

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



BDA562



41B9A6



75AAEB



E78CA8

Rectangle

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



BDA562



7FB47A



75AAEB



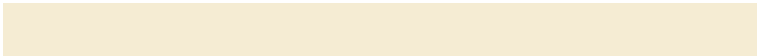
C796D3

Sweetspot

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



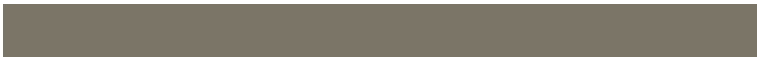
BDA562



F5ECD3



BD627A



7A7566



FAFAFA



7A7A7A

Same Dimension

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



BDA562



F5CF67



A8BD62



5E5C55



9E7400



1F1700

Inverse Universe

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



627ABD



678CF5



7762BD



55575E



002A9E



00081F

Previews

White Background



This preview shows how the Hex color BDA562 looks on a white background.

Color Contrast Check

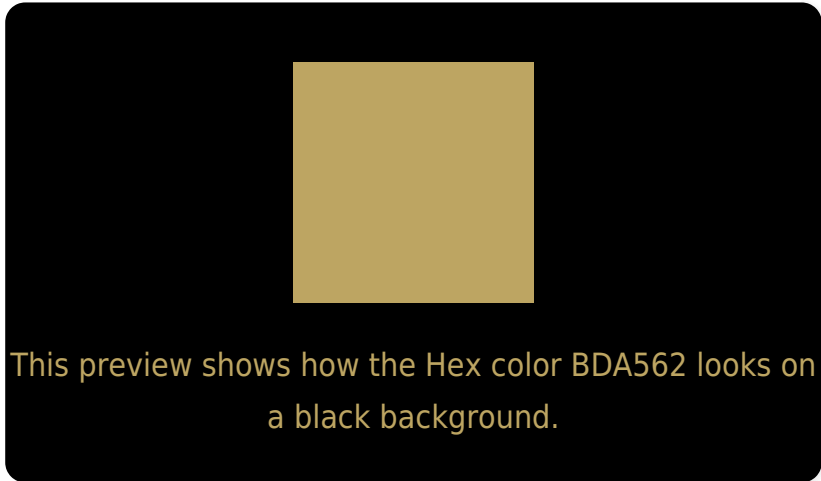
Large Text (above 18pt) WCAG AA × Fail

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 BDA562 Background



This preview shows how black text looks on a background with the Hex color BDA562.



This preview shows how white text looks on a background with the Hex color BDA562.

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
BDA562

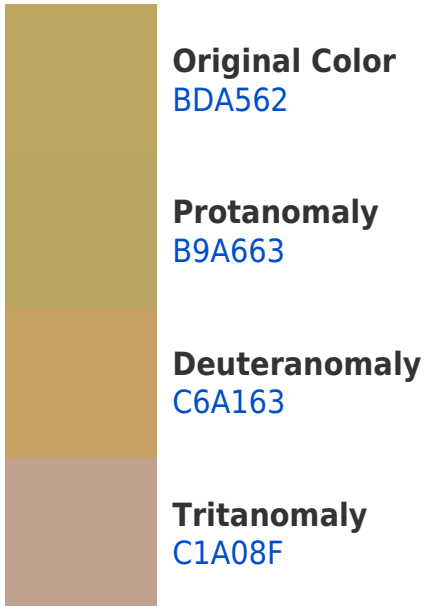
Protanopia
B7A763

Deuteranopia
CB9F63

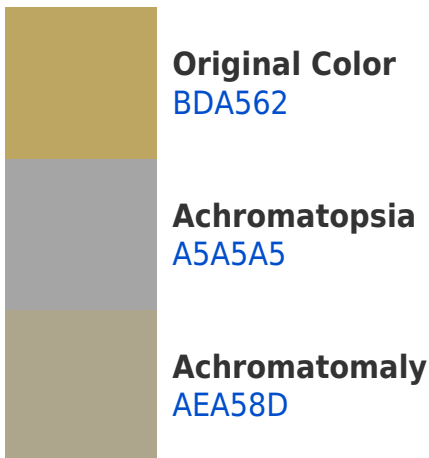


Tritanopia
C49DA9

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex BDA562 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 #BDA562 looks like.

```
.text, #text, p{  
    color:#BDA562  
}
```

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 #BDA562 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #BDA562
}
```

Border

The CSS property to change the border of an element to Hex BDA562 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
#BDA562 }
```

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

```
.border{ border-color:#BDA562 }
```

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

Here you see how a box with a 4 pixel #BDA562 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #BDA562; -webkit-box-shadow:4px 4px  
4px 4px #BDA562; box-shadow:4px 4px 4px  
4px #BDA562 }
```

Background

The CSS property to change the background color of an element to Hex BDA562 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#BDA562 }
```

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

```
.background{ background-color:#BDA562 }
```

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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