

Converting Colors

Hex(BCA266)

Have a look what the booklet for
Hex(BCA266) contains.

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Color

Hex(BCA266)

Conversions

Conversions Part 1

Format	Color
Hex	BCA266
RGB	188, 162, 102
RGB Percent	74%, 64%, 40%
CMY	0.2627, 0.3647, 0.6000
CMYK	0.00, 0.14, 0.46, 0.26
HSL	42°, 39%, 57%
HSV	42°, 46%, 74%
XYZ	36.0576, 37.4913, 17.9065
YIQ	162.9340, 34.7560, -13.1480

Conversions

Conversions Part 2

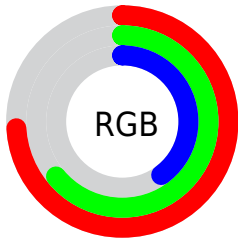
Format	Color
RYB	139, 188, 102
Decimal	12362342
CIELab	67.64, 1.42, 34.64
CIElCh	68, 34.668, 87.649
Yxy	37.4913, 0.3943, 0.4099
Android (android.graphics.Color)	4290552422 (0xFFBCA266)
YUV	162.9340, -30.0405, 21.9829
Hunter-Lab	61.2302, -2.0365, 25.5220

Details

The Hex color **BCA266** is a light color, and the websafe version is hex **CC9966**. A complement of this color would be **6680BC**, and the grayscale version is **A3A3A3**.

A 20% lighter version of the original color is **F6D99A**, and **856F35** is the 20% darker color. If you saturate the color by 10%, you get **BC9C53**, and if you desaturate by 10%, it is **BCA879**.

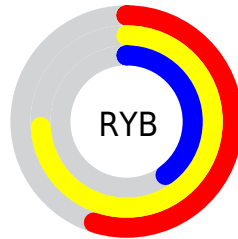
Distribution



Red (74%)

Green (64%)

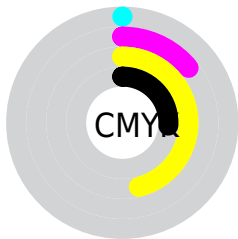
Blue (40%)



Red (55%)

Yellow (74%)

Blue (40%)

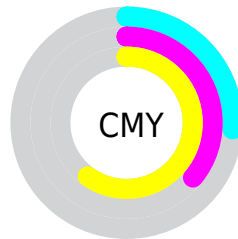


Cyan (0%)

Magenta (14%)

Yellow (46%)

Black (26%)



Cyan (26%)

Magenta (36%)

Yellow (60%)

Brightness & Saturation Gradients

These gradients show how the Hex color BCA266 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 BCA266 by changing the saturation by 10% instead.

 BCA266

 BCA266

FFFFFF

 A0884D

 F6D99A

 856F35

 FFF5B5

 6A561E

 FFFFFD1

 513F05

 FFFFFED

 382900

 201500

 000000

 BCA266

 BCA266

 BC9C53

 BCA879

 BC9740

 BCAD8C

 BC912E

 BCB39E

 BC8B1B

 BCB9B1

 BC8608

 BCBEC4

 BC8300

 BCC4D7

 BCCAEA

 BCCFFC

 BCD5FF

Harmonies

Analogous

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



D59771



BCA266



9CAC6C

Triad

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



BCA266



2FB5C1



CA93C7

Complementary

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



BCA266



6680BC

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.



A59EDC



BCA266



42B1D9

Square

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



BCA266



4FB5A1



75A9E3



DF8DA8

Rectangle

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



BCA266



84B07A



75A9E3



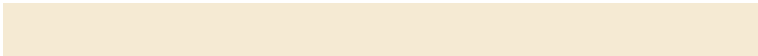
BF96CF

Sweetspot

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



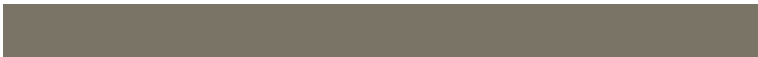
BCA266



F5EAD3



BC6681



7A7466



FAFAFA



7A7A7A

Same Dimension

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



BCA266



F5CC6E



ACBC66



5E5B55



9E6E00



1F1500

Inverse Universe

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



6680BC



6E97F5



7666BC



55585E



00309E



00091F

Previews

White Background



This preview shows how the Hex color BCA266 looks on a white background.

Color Contrast Check

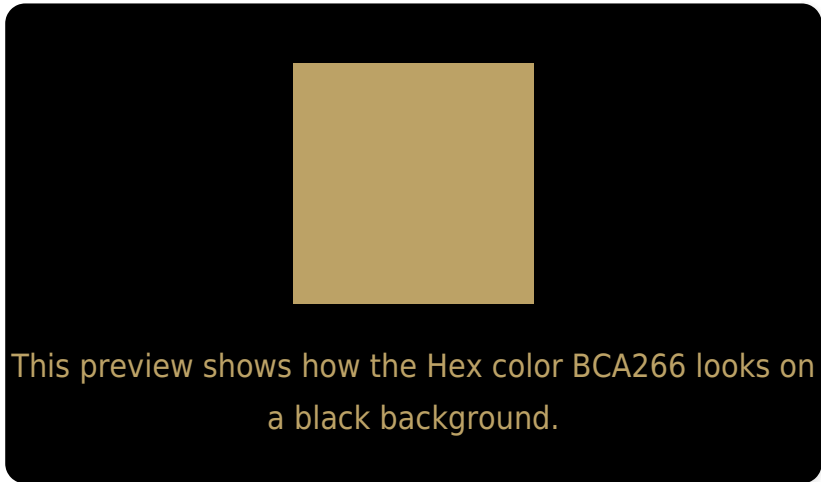
Large Text (above 18pt) WCAG AA × Fail

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 BCA266 Background



This preview shows how black text looks on a background with the Hex color BCA266.



This preview shows how white text looks on a background with the Hex color BCA266.

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
BCA266

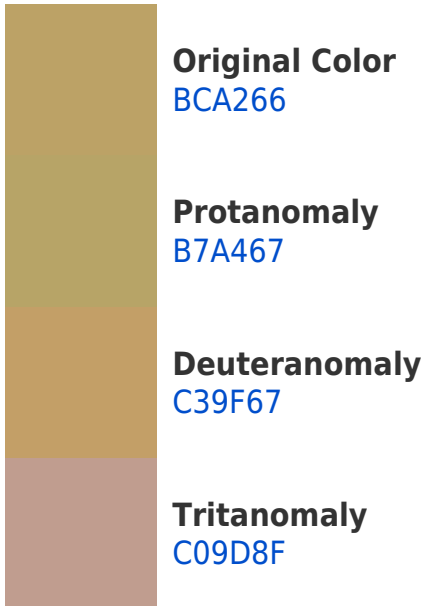
Protanopia
B4A567

Deuteranopia
C79E67

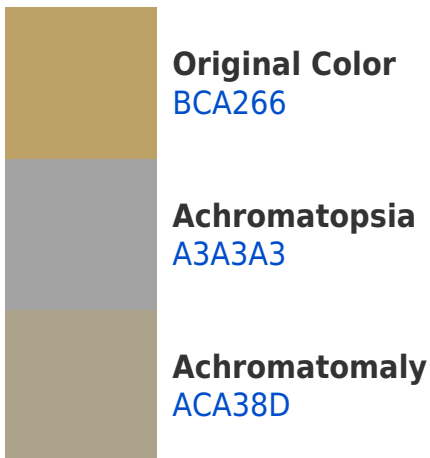


Tritanopia
C29AA6

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex BCA266 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 #BCA266 looks like.

```
.text, #text, p{  
    color:#BCA266  
}
```

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 #BCA266 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #BCA266
}
```

Border

The CSS property to change the border of an element to Hex BCA266 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
#BCA266 }
```

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

```
.border{ border-color:#BCA266 }
```

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

Here you see how a box with a 4 pixel #BCA266 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #BCA266; -webkit-box-shadow:4px 4px  
4px 4px #BCA266; box-shadow:4px 4px 4px  
4px #BCA266 }
```

Background

The CSS property to change the background color of an element to Hex BCA266 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#BCA266 }
```

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

```
.background{ background-color:#BCA266 }
```

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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