

Converting Colors

Hex(B2A753)

Have a look what the booklet for
Hex(B2A753) contains.

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Color

Hex(B2A753)

Conversions

Conversions Part 1

Format	Color
Hex	B2A753
RGB	178, 167, 83
RGB Percent	70%, 65%, 33%
CMY	0.3020, 0.3451, 0.6745
CMYK	0.00, 0.06, 0.53, 0.30
HSL	53°, 38%, 51%
HSV	53°, 53%, 70%
XYZ	33.7401, 37.7269, 13.6873
YIQ	160.7130, 33.5200, -23.7920

Conversions

Conversions Part 2

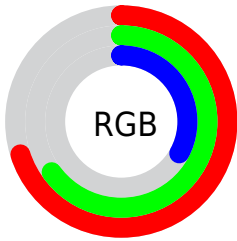
Format	Color
RYB	95, 178, 83
Decimal	11708243
CIELab	67.82, -7.26, 44.33
CIELCh	68, 44.918, 99.300
Yxy	37.7269, 0.3962, 0.4430
Android (android.graphics.Color)	4289898323 (0xFFB2A753)
YUV	160.7130, -38.3125, 15.1607
Hunter-Lab	61.4223, -9.4363, 29.7834

Details

The Hex color **B2A753** is a dark color, and the websafe version is hex **999933**. A complement of this color would be **535EB2**, and the grayscale version is **A1A1A1**.

A 20% lighter version of the original color is **EBDE87**, and **7B7321** is the 20% darker color. If you saturate the color by 10%, you get **B2A541**, and if you desaturate by 10%, it is **B2A965**.

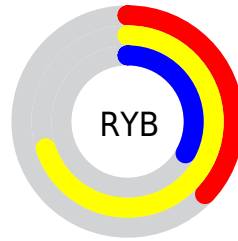
Distribution



Red (70%)

Green (65%)

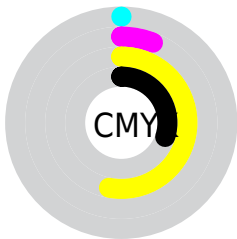
Blue (33%)



Red (37%)

Yellow (70%)

Blue (33%)

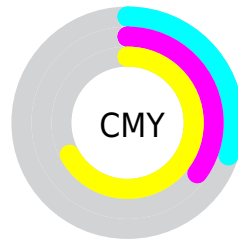


Cyan (0%)

Magenta (6%)

Yellow (53%)

Black (30%)



Cyan (30%)

Magenta (35%)

Yellow (67%)

Brightness & Saturation Gradients

These gradients show how the Hex color B2A753 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 B2A753 by changing the saturation by 10% instead.

 B2A753

 B2A753

FFFFFF

 968D3A

 EBDE87

 7B7321

 FFFAA2

 615B03

 FFFFBD

 474400

 FFFFD9

 2E2E00

 FFFFF6

 151900

 000000

 B2A753

 B2A753

 B2A541

 B2A965

 B2A32F

 B2AB77

 B2A11E

 B2AD88

 B29F0C

 B2AF9A

 B29D00

 B2B1AC

 B2B3BE

 B2B5D0

 B2B7E1

 B2BAF3

Harmonies

Analogous

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



D69959



B2A753



86B265

Triad

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



B2A753



00B8D7



E188C3

Complementary

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



B2A753



535EB2

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.



B996E4



B2A753



00B1F0

Square

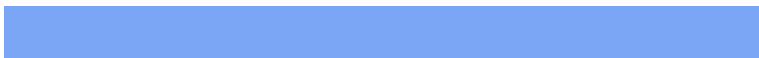
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



B2A753



00BAB1



7BA5F5



F2849A

Rectangle

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



B2A753



63B67A



7BA5F5



D78CCF

Sweetspot

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



B2A753



E8E4C3



B2535E



75735F



F5F5F5



757575

Same Dimension

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



B2A753



E8D754



8EB253



595850



998700



1A1700

Inverse Universe

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



535EB2



5465E8



7753B2



505159



001299



00031A

Previews

White Background



This preview shows how the Hex color B2A753 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

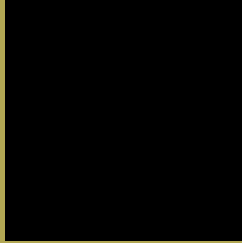
Any Text WCAG AA ✓ Pass

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 B2A753 Background



This preview shows how black text looks on a background with the Hex color B2A753.

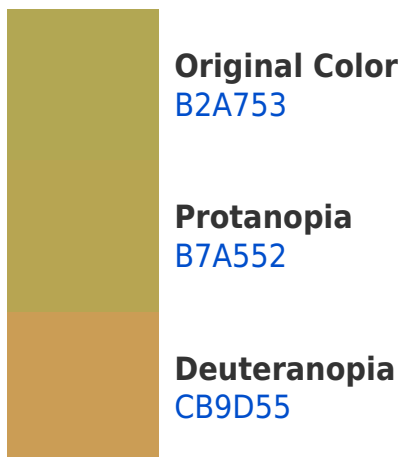


This preview shows how white text looks on a background with the Hex color B2A753.

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](#).

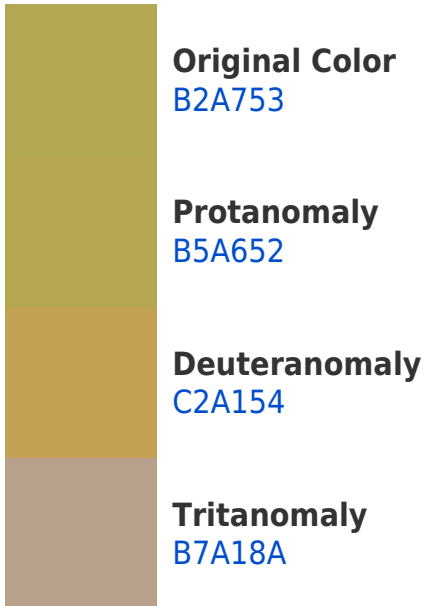
Dichromacy



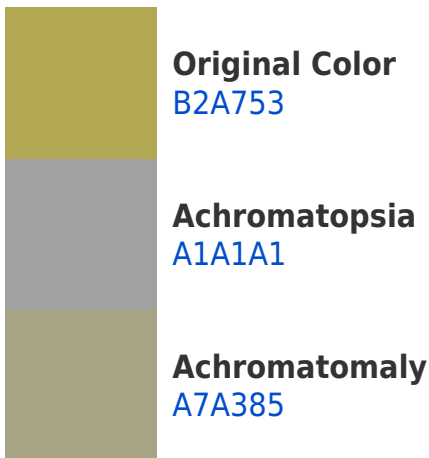


Tritanopia
BA9DAA

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex B2A753 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 #B2A753 looks like.

```
.text, #text, p{  
    color:#B2A753  
}
```

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 #B2A753 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B2A753  
}
```

Border

The CSS property to change the border of an element to Hex B2A753 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  
#B2A753 }
```

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

```
.border{ border-color:#B2A753 }
```

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

Here you see how a box with a 4 pixel #B2A753 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B2A753; -webkit-box-shadow:4px 4px  
4px 4px #B2A753; box-shadow:4px 4px 4px  
4px #B2A753 }
```

Background

The CSS property to change the background color of an element to Hex B2A753 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B2A753 }
```

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

```
.background{ background-color:#B2A753 }
```

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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