

Converting Colors

Hex(B1B723)

Have a look what the booklet for
Hex(B1B723) contains.

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Color

Hex(B1B723)

Conversions

Conversions Part 1

Format	Color
Hex	B1B723
RGB	177, 183, 35
RGB Percent	69%, 72%, 14%
CMY	0.3059, 0.2824, 0.8627
CMYK	0.03, 0.00, 0.81, 0.28
HSL	62°, 68%, 43%
HSV	62°, 81%, 72%
XYZ	35.3683, 43.3354, 8.0906
YIQ	164.3340, 43.9320, -47.3000

Conversions

Conversions Part 2

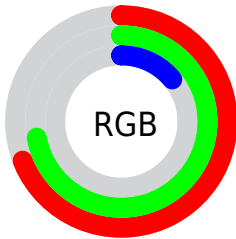
Format	Color
RYB	35, 183, 41
Decimal	11646755
CIELab	71.78, -18.74, 67.27
CIELCh	72, 69.827, 105.564
Yxy	43.3354, 0.4075, 0.4993
Android (android.graphics.Color)	4289836835 (0xFFB1B723)
YUV	164.3340, -63.7617, 11.1081
Hunter-Lab	65.8297, -19.2991, 38.7939

Details

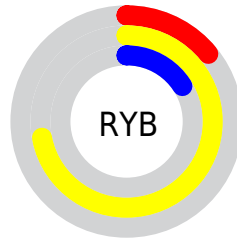
The Hex color **B1B723** is a dark color, and the websafe version is hex **CCCC33**. A complement of this color would be **2923B7**, and the grayscale version is **A5A5A5**.

A 20% lighter version of the original color is **ECEF5F**, and **788200** is the 20% darker color. If you saturate the color by 10%, you get **B0B711**, and if you desaturate by 10%, it is **B2B735**.

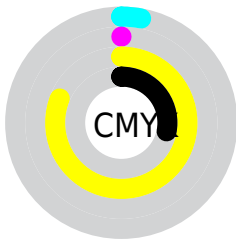
Distribution



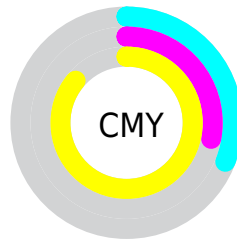
- Red (69%)
- Green (72%)
- Blue (14%)



- Red (14%)
- Yellow (72%)
- Blue (16%)



- Cyan (3%)
- Magenta (0%)
- Yellow (81%)
- Black (28%)



- Cyan (31%)
- Magenta (28%)
- Yellow (86%)

Brightness & Saturation Gradients

These gradients show how the Hex color B1B723 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 B1B723 by changing the saturation by 10% instead.

 B1B723

 B1B723

FFFFFF

 949C00

 ECEF5F

 788200

 FFFF7A

 5D6900

 FFFF96

 425100

 FFFFB3

 273A00

 FFFFFC

 0E2500

 FFFFED

 000C00

 000000

 B1B723

 B1B723

 B0B711

 B2B735

 B0B700

 B2B748

 B3B75A

 B4B76C

 B5B77F

 B5B791

 B6B7A3

 B7B7B5

 B8B7C8

Harmonies

Analogous

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



EAA229



B1B723



67C551

Triad

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



B1B723



00CBFF



FF78D1

Complementary

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



B1B723



2923B7

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.



DD90FF



B1B723



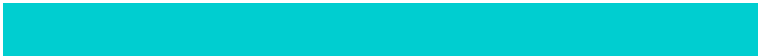
00C0FF

Square

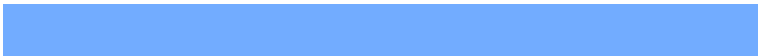
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



B1B723



00CED0



72ACFF



FF7491

Rectangle

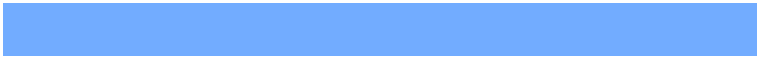
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



B1B723



00CA78



72ACFF



FF7EE6

Sweetspot

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



B1B723



EBEDB4



B72823



767855



F7F7F7



787878

Same Dimension

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



B1B723



E4ED07



68B723



5B5C53



959C00



1B1C00

Inverse Universe

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



2923B7



1007ED



7223B7



53535C



06009C



01001C

Previews

White Background



This preview shows how the Hex color B1B723 looks on a white background.

Color Contrast Check

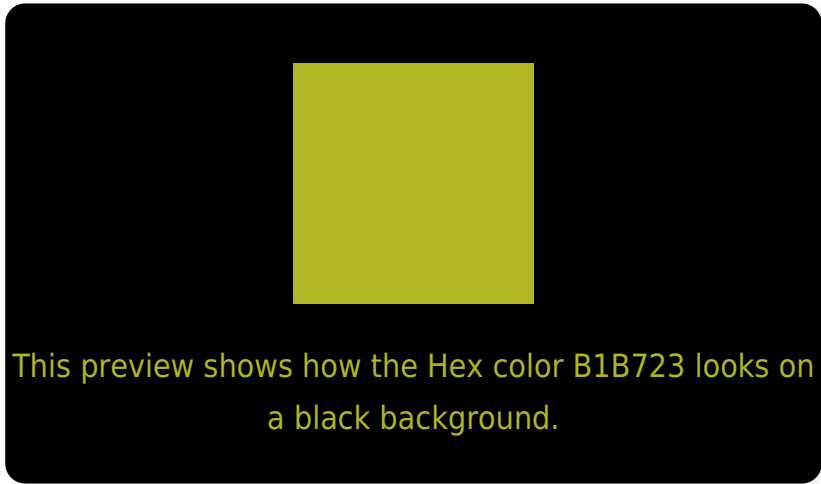
Large Text (above 18pt) WCAG AA × Fail

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 B1B723 Background



This preview shows how black text looks on a background with the Hex color B1B723.



This preview shows how white text looks on a background with the Hex color B1B723.

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
B1B723

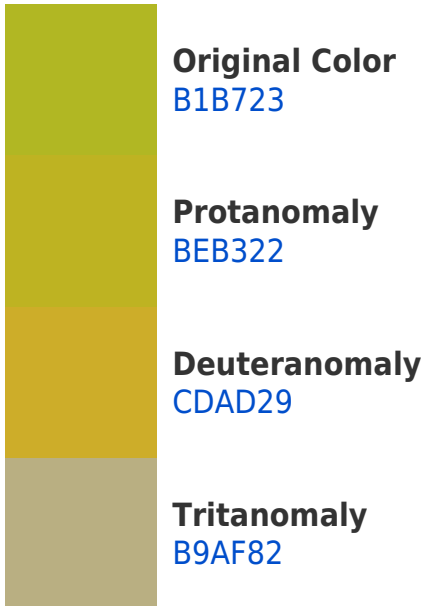
Protanopia
C6B021

Deuteranopia
DDA72C



Tritanopia
BDAAB8

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex B1B723 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 #B1B723 looks like.

```
.text, #text, p{  
    color:#B1B723  
}
```

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 #B1B723 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B1B723
}
```

Border

The CSS property to change the border of an element to Hex B1B723 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
#B1B723 }
```

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

```
.border{ border-color:#B1B723 }
```

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

Here you see how a box with a 4 pixel #B1B723 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B1B723; -webkit-box-shadow:4px 4px  
4px 4px #B1B723; box-shadow:4px 4px 4px  
4px #B1B723 }
```

Background

The CSS property to change the background color of an element to Hex B1B723 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B1B723 }
```

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

```
.background{ background-color:#B1B723 }
```

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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