

Converting Colors

Hex(B2B715)

Have a look what the booklet for
Hex(B2B715) contains.

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Color

Hex(B2B715)

Conversions

Conversions Part 1

Format	Color
Hex	B2B715
RGB	178, 183, 21
RGB Percent	70%, 72%, 8%
CMY	0.3020, 0.2824, 0.9176
CMYK	0.03, 0.00, 0.89, 0.28
HSL	62°, 79%, 40%
HSV	62°, 89%, 72%
XYZ	35.4289, 43.3861, 7.2165
YIQ	163.0370, 49.0220, -51.4420

Conversions

Conversions Part 2

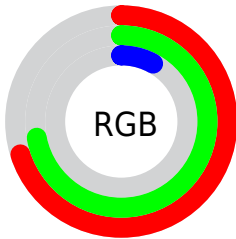
Format	Color
R _Y B	21, 183, 26
Decimal	11712277
CIE Lab	71.82, -18.68, 70.47
CIE LCh	72, 72.903, 104.845
Yxy	43.3861, 0.4118, 0.5043
Android (android.graphics.Color)	4289902357 (0xFFB2B715)
YUV	163.0370, -70.0242, 13.1226
Hunter-Lab	65.8681, -19.2582, 39.6119

Details

The Hex color **B2B715** is a dark color, and the websafe version is hex **CCCC33**. A complement of this color would be **1A15B7**, and the grayscale version is **A4A4A4**.

A 20% lighter version of the original color is **EDEF57**, and **798200** is the 20% darker color. If you saturate the color by 10%, you get **B1B703**, and if you desaturate by 10%, it is **B3B727**.

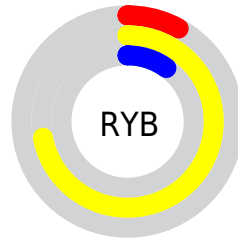
Distribution



Red (70%)

Green (72%)

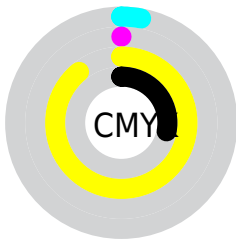
Blue (8%)



Red (8%)

Yellow (72%)

Blue (10%)

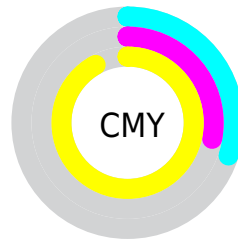


Cyan (3%)

Magenta (0%)

Yellow (89%)

Black (28%)



Cyan (30%)

Magenta (28%)

Yellow (92%)

Brightness & Saturation Gradients

These gradients show how the Hex color B2B715 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 B2B715 by changing the saturation by 10% instead.

 B2B715

 B2B715

FFFFFF

 959C00

 EDEF57

 798200

 FFFF73

 5E6900

 FFFF8F

 425100

 FFFFAC

 283A00

 FFFFC8

 0E2500

 FFFFEE

 000C00

 000000

 B2B715

 B2B715

 B1B703

 B3B727

 B1B700

 B3B73A

 B4B74C

 B4B75E

 B5B771

 B5B783

 B6B795

 B7B7A7

 B7B7BA

Harmonies

Analogous

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



EDA020



B2B715



64C64A

Triad

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



B2B715



00CCFF



FF74D5

Complementary

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



B2B715



1A15B7

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.



DD8FFF



B2B715



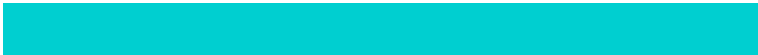
00C1FF

Square

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



B2B715



00CFD0



67ACFF



FF6F92

Rectangle

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



B2B715



00CB74



67ACFF



FF7CEA

Sweetspot

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



B2B715



EBEDAD



B71815



777851



F7F7F7



787878

Same Dimension

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



B2B715



E6ED00



63B715



5C5C53



979C00



1B1C00

Inverse Universe

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



1A15B7



0700ED



6915B7



53535C



05009C



01001C

Previews

White Background



This preview shows how the Hex color B2B715 looks on a white background.

Color Contrast Check

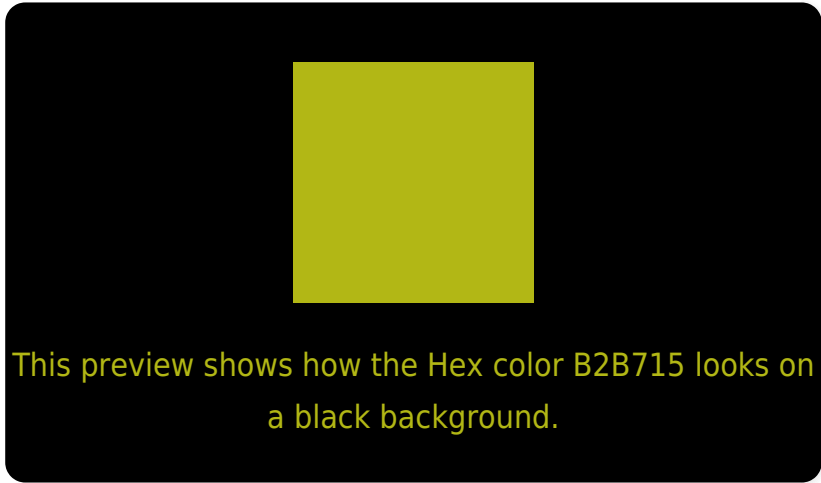
Large Text (above 18pt) WCAG AA × Fail

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 B2B715 Background



This preview shows how black text looks on a background with the Hex color B2B715.



This preview shows how white text looks on a background with the Hex color B2B715.

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
B2B715

Protanopia
C6B013

Deuteranopia
DEA722

Trichromacy



Original Color
B2B715

Protanomaly
BFB314

Deuteranomaly
CEAD1D

Tritanomaly
BAAF7D

Monochromacy



Original Color
B2B715

Achromatopsia
A3A3A3

Achromatomaly
A8AA6F

CSS Examples

Text

The CSS property to change the color of the text to Hex B2B715 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 #B2B715 looks like.

```
.text, #text, p{  
    color:#B2B715  
}
```

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 #B2B715 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B2B715
}
```

Border

The CSS property to change the border of an element to Hex B2B715 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
#B2B715 }
```

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

```
.border{ border-color:#B2B715 }
```

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

Here you see how a box with a 4 pixel #B2B715 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B2B715; -webkit-box-shadow:4px 4px  
4px 4px #B2B715; box-shadow:4px 4px 4px  
4px #B2B715 }
```

Background

The CSS property to change the background color of an element to Hex B2B715 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B2B715 }
```

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

```
.background{ background-color:#B2B715 }
```

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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