

Converting Colors

Hex(B2C64D)

Have a look what the booklet for
Hex(B2C64D) contains.

Hex(B2C64D)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(**B2C64D**)

Conversions

Conversions Part 1

Format	Color
Hex	B2C64D
RGB	178, 198, 77
RGB Percent	70%, 78%, 30%
CMY	0.3020, 0.2235, 0.6980
CMYK	0.10, 0.00, 0.61, 0.22
HSL	70°, 51%, 54%
HSV	70°, 61%, 78%
XYZ	39.8937, 50.3890, 14.6446
YIQ	178.2260, 26.9210, -41.8710

Conversions

Conversions Part 2

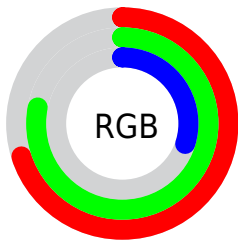
Format	Color
RYB	77, 198, 97
Decimal	11716173
CIELab	76.31, -23.51, 56.68
CIELCh	76, 61.363, 112.532
Yxy	50.3890, 0.3802, 0.4802
Android (android.graphics.Color)	4289906253 (0xFFB2C64D)
YUV	178.2260, -49.9044, -0.1982
Hunter-Lab	70.9852, -23.9069, 37.4578

Details

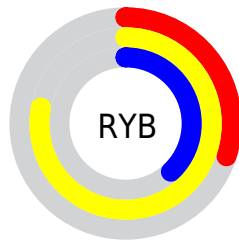
The Hex color **B2C64D** is a light color, and the websafe version is hex **CCCC66**. The color can be described as light muted chartreuse. A complement of this color would be **614DC6**, and the grayscale version is **B3B3B3**.

A 20% lighter version of the original color is **ECFF83**, and **7A9012** is the 20% darker color. If you saturate the color by 10%, you get **AFC639**, and if you desaturate by 10%, it is **B5C661**.

Distribution



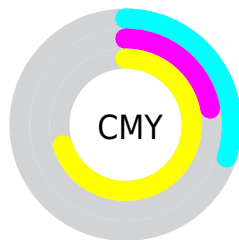
- Red (70%)
- Green (78%)
- Blue (30%)



- Red (30%)
- Yellow (78%)
- Blue (38%)



- Cyan (10%)
- Magenta (0%)
- Yellow (61%)
- Black (22%)



- Cyan (30%)
- Magenta (22%)
- Yellow (70%)

Brightness & Saturation Gradients

These gradients show how the Hex color B2C64D 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 B2C64D by changing the saturation by 10% instead.

 B2C64D

 B2C64D

FFFFFF

 96AB32

 ECFF83

 7A9012

 FFFF9E

 5F7700

 FFFFBA

 455E00

 FFFFD7

 2B4600

 FFFFF4

 103000

 001D00

 000000

 B2C64D

 B2C64D

 AFC639

 B5C661

 ABC625

 B9C675

 A8C612

 BCC688

 A5C600

 BFC69C

 C2C6B0

 C6C6C4

 C9C6D8

 CCC6EB

 CFC6FF

Harmonies

Analogous

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



E8B447



B2C64D



6DD274

Triad

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



B2C64D



00D3FF



FF8CCD

Complementary

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



B2C64D



614DC6

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.



F49CFF



B2C64D



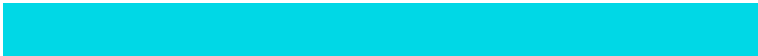
00C7FF

Square

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



B2C64D



00D8E6



A7B3FF



FF8D94

Rectangle

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



B2C64D



00D698



A7B3FF



FF8FE0

Sweetspot

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



B2C64D



F7FFD1



C65F4D



7B8063



000000



808080

Same Dimension

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



B2C64D



E0FF45



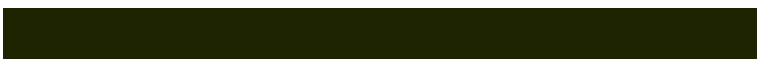
77C64D



62635A



88A300



1E2400

Inverse Universe

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



614DC6



6445FF



9C4DC6



5B5A63



1B00A3



060024

Previews

White Background



This preview shows how the Hex color B2C64D looks on a white background.

Color Contrast Check

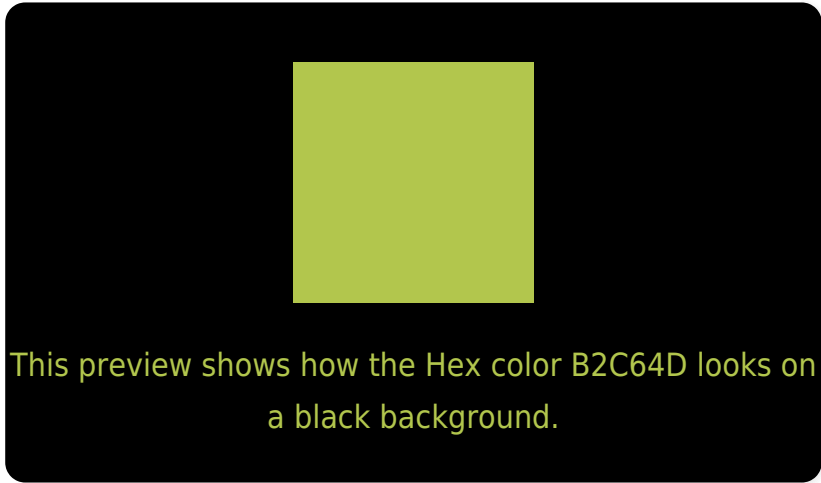
Large Text (above 18pt) WCAG AA × Fail

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

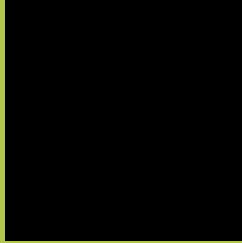
Any Text WCAG AA ✓ Pass

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 B2C64D Background



This preview shows how black text looks on a background with the Hex color B2C64D.



This preview shows how white text looks on a background with the Hex color B2C64D.

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

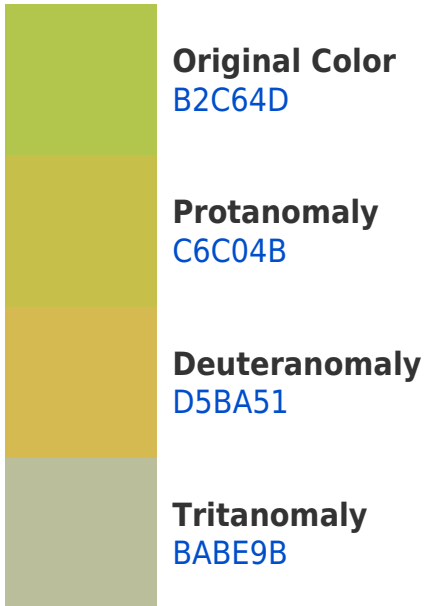


Original Color
B2C64D

Protanopia
D1BC4A

Deuteranopia
E9B353

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex B2C64D 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 #B2C64D looks like.

```
.text, #text, p{  
    color:#B2C64D  
}
```

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 #B2C64D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B2C64D
}
```

Border

The CSS property to change the border of an element to Hex B2C64D 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
#B2C64D }
```

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

```
.border{ border-color:#B2C64D }
```

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

Here you see how a box with a 4 pixel #B2C64D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B2C64D; -webkit-box-shadow:4px 4px  
4px 4px #B2C64D; box-shadow:4px 4px 4px  
4px #B2C64D }
```

Background

The CSS property to change the background color of an element to Hex B2C64D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B2C64D }
```

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

```
.background{ background-color:#B2C64D }
```

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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