

Converting Colors

Hex(BEC431)

Have a look what the booklet for
Hex(BEC431) contains.

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Color

Hex(BEC431)

Conversions

Conversions Part 1

Format	Color
Hex	BEC431
RGB	190, 196, 49
RGB Percent	75%, 77%, 19%
CMY	0.2549, 0.2314, 0.8078
CMYK	0.03, 0.00, 0.75, 0.23
HSL	62°, 60%, 48%
HSV	62°, 75%, 77%
XYZ	41.5295, 50.6488, 10.4931
YIQ	177.4480, 43.6110, -46.9890

Conversions

Conversions Part 2

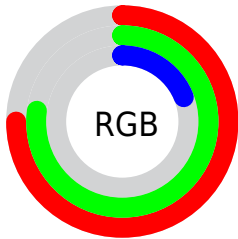
Format	Color
RYB	49, 196, 55
Decimal	12502065
CIELab	76.47, -19.15, 67.73
CIELCh	76, 70.384, 105.787
Yxy	50.6488, 0.4045, 0.4933
Android (android.graphics.Color)	4290692145 (0xFFBEC431)
YUV	177.4480, -63.3249, 11.0081
Hunter-Lab	71.1679, -20.3816, 41.0758

Details

The Hex color **BEC431** is a dark color, and the websafe version is hex **CCCC33**. The color can be described as middle muted chartreuse. A complement of this color would be **3731C4**, and the grayscale version is **B2B2B2**.

A 20% lighter version of the original color is **F9FC6B**, and **858F00** is the 20% darker color. If you saturate the color by 10%, you get **BDC41D**, and if you desaturate by 10%, it is **BFC445**.

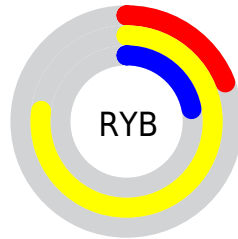
Distribution



Red (75%)

Green (77%)

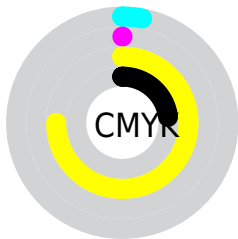
Blue (19%)



Red (19%)

Yellow (77%)

Blue (22%)

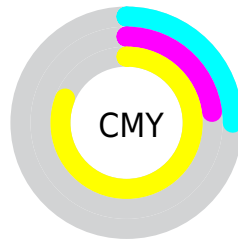


Cyan (3%)

Magenta (0%)

Yellow (75%)

Black (23%)



Cyan (25%)

Magenta (23%)

Yellow (81%)

Brightness & Saturation Gradients

These gradients show how the Hex color BEC431 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 BEC431 by changing the saturation by 10% instead.

 BEC431

 BEC431

FFFFFF

 A1A907

 F9FC6B

 858F00

 FFFF86

 697500

 FFFFA3

 4E5C00

 FFFFBF

 334500

 FFFFDC

 192F00

 FFFFF9

 001C00

 000000

 BEC431

 BEC431

 BDC41D

 BFC445

 BCC40A

 C0C458

 BCC400

 C0C46C

 C1C47F

 C2C493

 C3C4A7

 C4C4BA

 C4C4CE

 C5C4E1

Harmonies

Analogous

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



F8AE35



BEC431



72D25C

Triad

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



BEC431



00D8FF



FF84DE

Complementary

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



BEC431



3731C4

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.



EC9CFF



BEC431



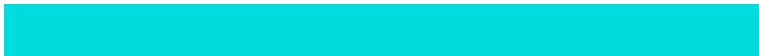
00CDFF

Square

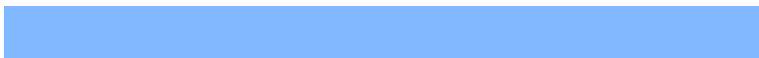
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



BEC431



00DCDE



82B8FF



FF819D

Rectangle

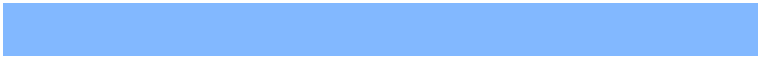
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



BEC431



00D885



82B8FF



FF8BF3

Sweetspot

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



BEC431



FDFFC4



C43631



7E805C



000000



808080

Same Dimension

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



BEC431



F6FF19



76C431



616157



9AA100



202100

Inverse Universe

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



3731C4



2319FF



7F31C4



585761



0700A1



010021

Previews

White Background



This preview shows how the Hex color BEC431 looks on a white background.

Color Contrast Check

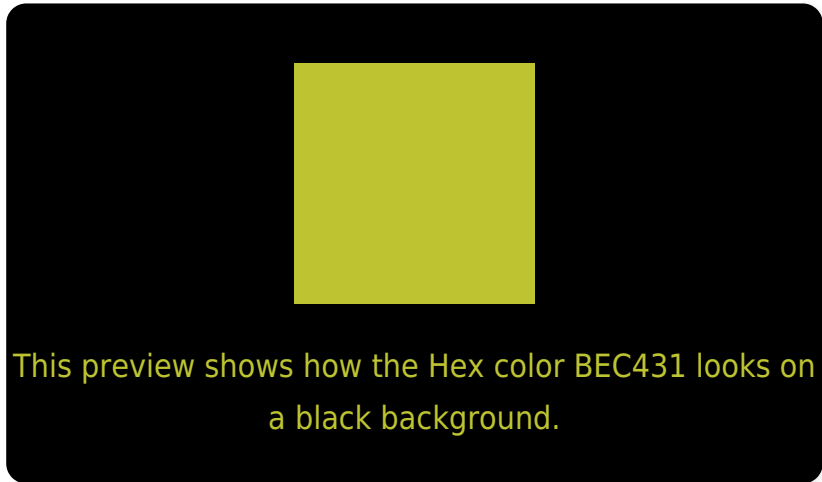
Large Text (above 18pt) WCAG AA × Fail

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 BEC431 Background



This preview shows how black text looks on a background with the Hex color BEC431.

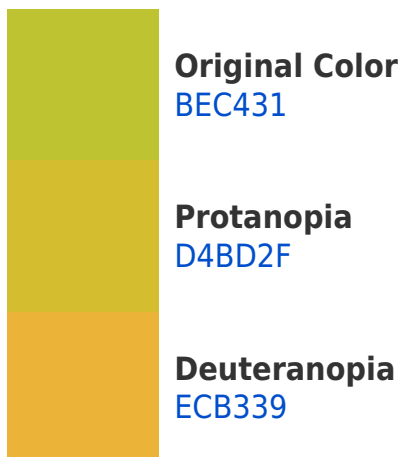


This preview shows how white text looks on a background with the Hex color BEC431.

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](#).

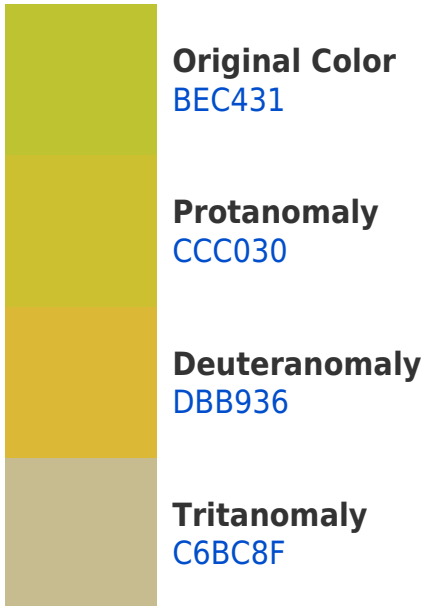
Dichromacy





Tritanopia
CBB7C5

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex BEC431 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 #BEC431 looks like.

```
.text, #text, p{  
    color:#BEC431  
}
```

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 #BEC431 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #BEC431
}
```

Border

The CSS property to change the border of an element to Hex BEC431 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
#BEC431 }
```

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

```
.border{ border-color:#BEC431 }
```

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

Here you see how a box with a 4 pixel #BEC431 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #BEC431; -webkit-box-shadow:4px 4px  
4px 4px #BEC431; box-shadow:4px 4px 4px  
4px #BEC431 }
```

Background

The CSS property to change the background color of an element to Hex BEC431 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#BEC431 }
```

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

```
.background{ background-color:#BEC431 }
```

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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