

Converting Colors

Hex(BEC62A)

Have a look what the booklet for
Hex(BEC62A) contains.

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Color

Hex(BEC62A)

Conversions

Conversions Part 1

Format	Color
Hex	BEC62A
RGB	190, 198, 42
RGB Percent	75%, 78%, 16%
CMY	0.2549, 0.2235, 0.8353
CMYK	0.04, 0.00, 0.79, 0.22
HSL	63°, 65%, 47%
HSV	63°, 79%, 78%
XYZ	41.8472, 51.5025, 9.9259
YIQ	177.8240, 45.3080, -50.2120

Conversions

Conversions Part 2

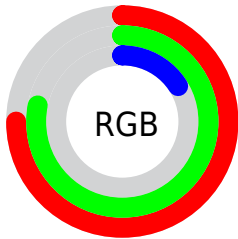
Format	Color
R _Y B	42, 198, 50
Decimal	12502570
CIE Lab	76.98, -20.41, 70.30
CIE LCh	77, 73.206, 106.189
Yxy	51.5025, 0.4052, 0.4987
Android (android.graphics.Color)	4290692650 (0xFFBEC62A)
YUV	177.8240, -66.9612, 10.6784
Hunter-Lab	71.7652, -21.5036, 42.0352

Details

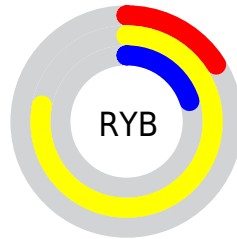
The Hex color **BEC62A** is a dark color, and the websafe version is hex **CCCC33**. The color can be described as middle muted chartreuse. A complement of this color would be **322AC6**, and the grayscale version is **B2B2B2**.

A 20% lighter version of the original color is **F9FF66**, and **859000** is the 20% darker color. If you saturate the color by 10%, you get **BDC616**, and if you desaturate by 10%, it is **BFC63E**.

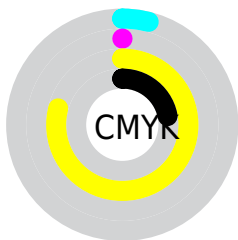
Distribution



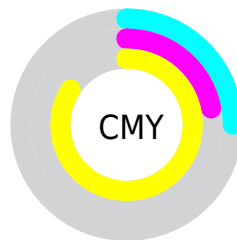
- Red (75%)
- Green (78%)
- Blue (16%)



- Red (16%)
- Yellow (78%)
- Blue (20%)



- Cyan (4%)
- Magenta (0%)
- Yellow (79%)
- Black (22%)



- Cyan (25%)
- Magenta (22%)
- Yellow (84%)

Brightness & Saturation Gradients

These gradients show how the Hex color BEC62A 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 BEC62A by changing the saturation by 10% instead.

 BEC62A

 BEC62A

FFFFFF

 A1AB00

 F9FF66

 859000

 FFFF82

 697700

 FFFF9E

 4D5E00

 FFFFBB

 324700

 FFFFD8

 183000

 FFFFF5

 001D00

 000000

 BEC62A

 BEC62A

 BDC616

 BFC63E

 BCC602

 C0C652

 BCC600

 C1C665

 C2C679

 C3C68D

 C4C6A1

 C5C6B5

 C6C6C8

 C7C6DC

Harmonies

Analogous

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



FBAF2F



BEC62A



6ED55A

Triad

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



BEC62A



00DAFF



FF82E0

Complementary

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



BEC62A



322AC6

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.



F09CFF



BEC62A



00CFFF

Square

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



BEC62A



00DEE2



80B9FF



FF7F9C

Rectangle

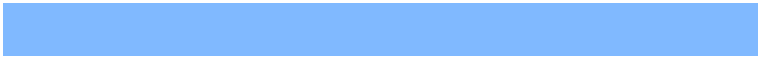
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



BEC62A



00DA84



80B9FF



FF89F6

Sweetspot

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



BEC62A



FCFFC2



C6322A



7E805B



000000



808080

Same Dimension

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



BEC62A



F3FF0D



70C62A



63635A



9BA300



222400

Inverse Universe

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



322AC6



190DFF



802AC6



5A5A63



0800A3



020024

Previews

White Background



This preview shows how the Hex color BEC62A looks on a white background.

Color Contrast Check

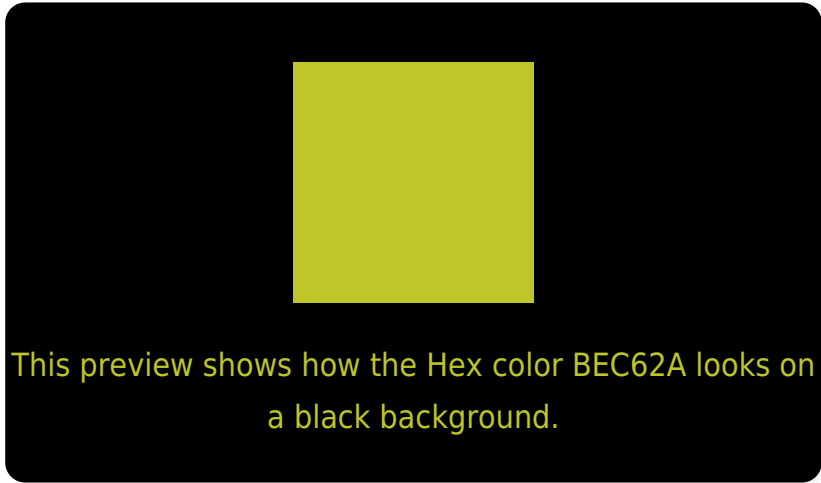
Large Text (above 18pt) WCAG AA × Fail

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 BEC62A Background



This preview shows how black text looks on a background with the Hex color BEC62A.



This preview shows how white text looks on a background with the Hex color BEC62A.

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
BEC62A

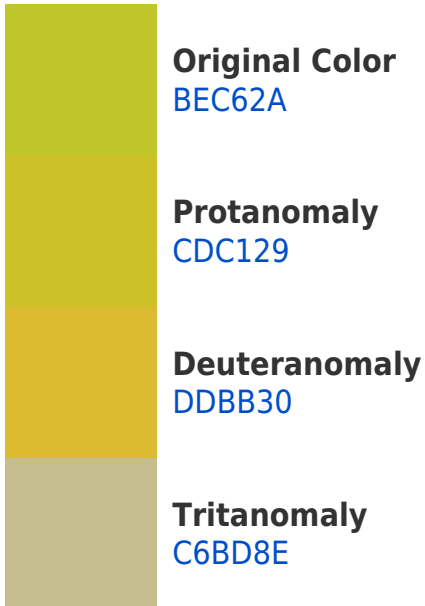
Protanopia
D6BE28

Deuteranopia
EEB433



Tritanopia
CBB8C7

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex BEC62A 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 #BEC62A looks like.

```
.text, #text, p{  
    color:#BEC62A  
}
```

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 #BEC62A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #BEC62A
}
```

Border

The CSS property to change the border of an element to Hex BEC62A 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
#BEC62A }
```

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

```
.border{ border-color:#BEC62A }
```

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

Here you see how a box with a 4 pixel #BEC62A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #BEC62A; -webkit-box-shadow:4px 4px  
4px 4px #BEC62A; box-shadow:4px 4px 4px  
4px #BEC62A }
```

Background

The CSS property to change the background color of an element to Hex BEC62A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#BEC62A }
```

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

```
.background{ background-color:#BEC62A }
```

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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