

Converting Colors

Hex(BEC100)

Have a look what the booklet for
Hex(BEC100) contains.

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Color

Hex(BEC100)

Conversions

Conversions Part 1

Format	Color
Hex	BEC100
RGB	190, 193, 0
RGB Percent	75%, 76%, 0%
CMY	0.2549, 0.2431, 1.0000
CMYK	0.02, 0.00, 1.00, 0.24
HSL	61°, 100%, 38%
HSV	61°, 100%, 76%
XYZ	40.3052, 49.0871, 7.3504
YIQ	170.1010, 60.1650, -60.6590

Conversions

Conversions Part 2

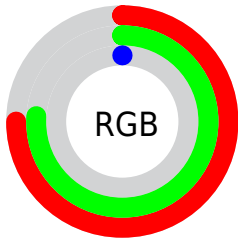
Format	Color
RYB	0, 193, 3
Decimal	12501248
CIELab	75.51, -18.78, 76.33
CIELCh	76, 78.608, 103.819
Yxy	49.0871, 0.4166, 0.5074
Android (android.graphics.Color)	4290691328 (0xFFBEC100)
YUV	170.1010, -83.8598, 17.4514
Hunter-Lab	70.0622, -19.9218, 42.8232

Details

The Hex color **BEC100** is a dark color, and the websafe version is hex **CCCC00**. The color can be described as dark washed chartreuse. A complement of this color would be **0300C1**, and the grayscale version is **ABABAB**.

A 20% lighter version of the original color is **FAF952**, and **848C00** is the 20% darker color. If you saturate the color by 10%, you get **BEC100**, and if you desaturate by 10%, it is **BEC113**.

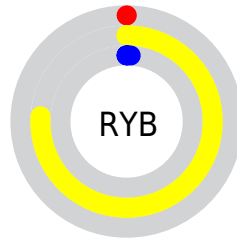
Distribution



Red (75%)

Green (76%)

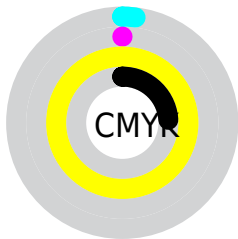
Blue (0%)



Red (0%)

Yellow (76%)

Blue (1%)

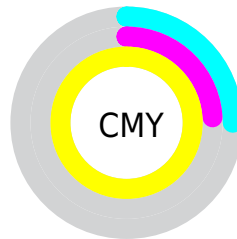


Cyan (2%)

Magenta (0%)

Yellow (100%)

Black (24%)



Cyan (25%)

Magenta (24%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the Hex color BEC100 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 BEC100 by changing the saturation by 10% instead.

 BEC100

 BEC100

FFFFFF

 A1A600

 FAF952

 848C00

 FFFF6F

 687200


 FFFF8C

 4C5A00

 FFFFA9

 314300

 FFFFC6

 172D00

 FFFFE3

 001A00

 000000

 BEC100

 BEC113

 BFC127

 BFC13A

 BFC14D

 C0C161

 C0C174

 C0C187

 C0C19A

 C1C1AE

Harmonies

Analogous

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



FDA81A



BEC100



6AD148

Triad

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



BEC100



00D9FF



FF78E4

Complementary

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



BEC100



0300C1

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.



E897FF



BEC100



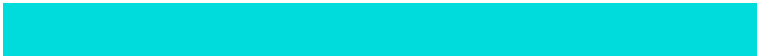
00CDFF

Square

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



BEC100



00DCDB



5EB7FF



FF729C

Rectangle

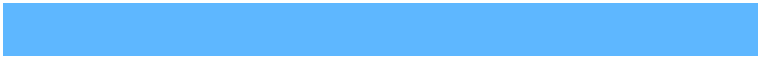
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



BEC100



00D776



5EB7FF



FF81FB

Sweetspot

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



BEC100



F9FAAF



C10000



7C7D50



FCFCFC



7D7D7D

Same Dimension

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



BEC100



F6FA00



61C100



616157



9EA100



212100

Inverse Universe

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



0300C1



0400FA



6100C1



575761



0200A1



010021

Previews

White Background



This preview shows how the Hex color #BEC100 looks on a white background.

Color Contrast Check

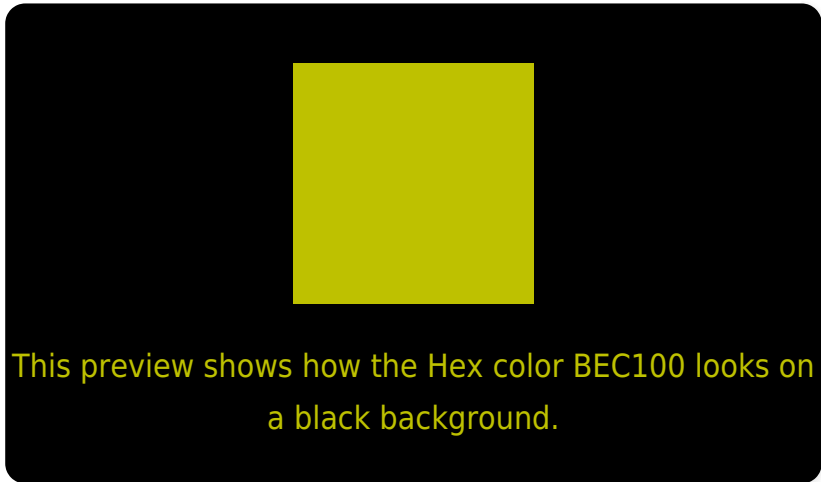
Large Text (above 18pt) WCAG AA × Fail

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 BEC100 Background



This preview shows how black text looks on a background with the Hex color BEC100.



This preview shows how white text looks on a background with the Hex color BEC100.

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
CBB3C1

Trichromacy



Original Color
BEC100

Protanomaly
CBB000

Deuteranomaly
DDB613

Tritanomaly
C6B87B

Monochromacy



Original Color
BEC100

Achromatopsia
AAAAAA

Achromatomaly
B1B26C

CSS Examples

Text

The CSS property to change the color of the text to Hex BEC100 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 #BEC100 looks like.

```
.text, #text, p{  
    color:#BEC100  
}
```

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 #BEC100 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #BEC100
}
```

Border

The CSS property to change the border of an element to Hex BEC100 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
#BEC100 }
```

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

```
.border{ border-color:#BEC100 }
```

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

Here you see how a box with a 4 pixel #BEC100 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #BEC100; -webkit-box-shadow:4px 4px  
4px 4px #BEC100; box-shadow:4px 4px 4px  
4px #BEC100 }
```

Background

The CSS property to change the background color of an element to Hex BEC100 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#BEC100 }
```

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

```
.background{ background-color:#BEC100 }
```

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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