

Converting Colors

Hex(CBE93B)

Have a look what the booklet for
Hex(CBE93B) contains.

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Color

Hex(CBE93B)

Conversions

Conversions Part 1

Format	Color
Hex	CBE93B
RGB	203, 233, 59
RGB Percent	80%, 91%, 23%
CMY	0.2039, 0.0863, 0.7686
CMYK	0.13, 0.00, 0.75, 0.09
HSL	70°, 80%, 57%
HSV	70°, 75%, 91%
XYZ	54.5569, 71.2901, 15.0226
YIQ	204.1940, 37.9740, -60.4740

Conversions

Conversions Part 2

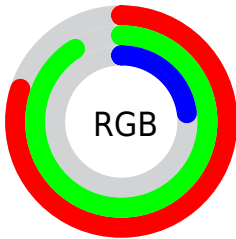
Format	Color
RYB	59, 233, 89
Decimal	13363515
CIELab	87.63, -31.13, 75.32
CIElCh	88, 81.499, 112.454
Yxy	71.2901, 0.3873, 0.5061
Android (android.graphics.Color)	4291553595 (0xFFCBE93B)
YUV	204.1940, -71.5806, -1.0471
Hunter-Lab	84.4335, -32.4203, 48.5544

Details

The Hex color **CBE93B** is a light color, and the websafe version is hex **CCFF66**. The color can be described as light washed yellow. A complement of this color would be **593BE9**, and the grayscale version is **CDCDCD**.

A 20% lighter version of the original color is **FFFF77**, and **91B100** is the 20% darker color. If you saturate the color by 10%, you get **C7E924**, and if you desaturate by 10%, it is **CFE952**.

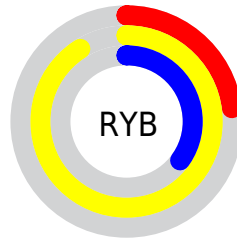
Distribution



Red (80%)

Green (91%)

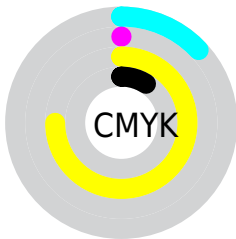
Blue (23%)



Red (23%)

Yellow (91%)

Blue (35%)

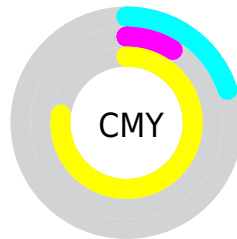


Cyan (13%)

Magenta (0%)

Yellow (75%)

Black (9%)



Cyan (20%)

Magenta (9%)

Yellow (77%)

Brightness & Saturation Gradients

These gradients show how the Hex color CBE93B 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 CBE93B by changing the saturation by 10% instead.

 CBE93B

 CBE93B

FFFFFF

 AECD13

 FFFF77

 91B100

 FFFF93

 749700

 FFFFB0

 587D00

 FFFFFCD

 3C6400

 FFFFFEB

 1F4C00

 003400

 002100

 000000

 CBE93B

 CBE93B

 C7E924

 CFE952

 C3E90C

 D3E96A

 C1E900

 D7E981

 DBE998

 DFE9B0

 E3E9C7

 E7E9DE

 EBE9F5

 EFE9FF

Harmonies

Analogous

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



FFD130



CBE93B



66F878

Triad

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



CBE93B



00FAFF



FF94F3

Complementary

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



CBE93B



593BE9

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.



FFADFF



CBE93B



00EAFB

Square

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



CBE93B



00FFFF



B8CFFF



FF97A5

Rectangle

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



CBE93B



00FEAA



B8CFFF



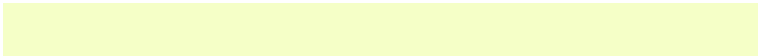
FF9AFF

Sweetspot

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



CBE93B



F5FFC7



E9583B



7A805E



000000



808080

Same Dimension

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



CBE93B



D7FF19



75E93B



73756A



96B500



2C3600

Inverse Universe

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



593BE9



4119FF



AF3BE9



6C6A75



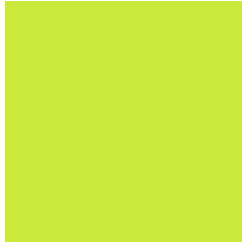
1F00B5



090036

Previews

White Background



This preview shows how the Hex color CBE93B 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



This preview shows how the Hex color CBE93B looks on a 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 CBE93B Background



This preview shows how black text looks on a background with the Hex color CBE93B.

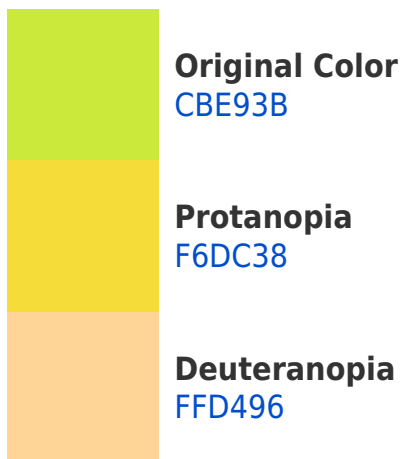


This preview shows how white text looks on a background with the Hex color CBE93B.

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](#).

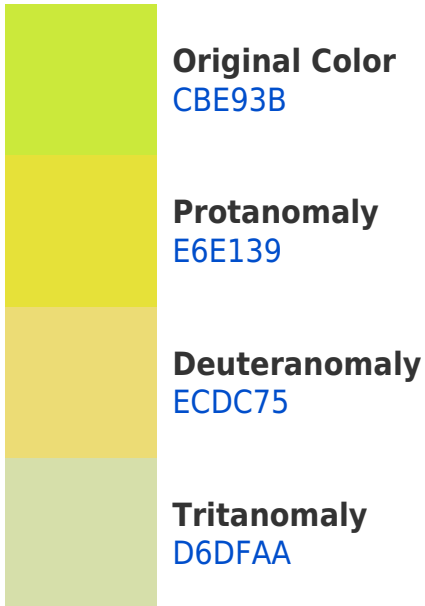
Dichromacy



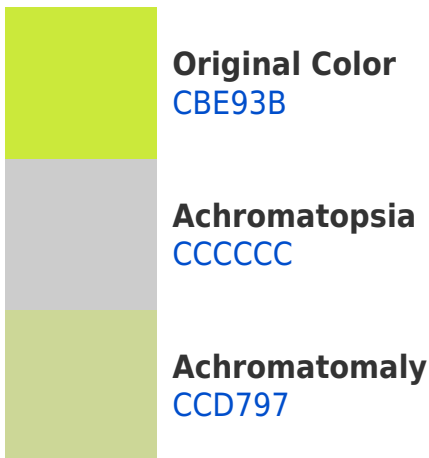


Tritanopia
DCD9EA

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex CBE93B 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 #CBE93B looks like.

```
.text, #text, p{  
    color:#CBE93B  
}
```

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 #CBE93B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #CBE93B
}
```

Border

The CSS property to change the border of an element to Hex CBE93B 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
#CBE93B }
```

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

```
.border{ border-color:#CBE93B }
```

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

Here you see how a box with a 4 pixel #CBE93B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #CBE93B; -webkit-box-shadow:4px 4px  
4px 4px #CBE93B; box-shadow:4px 4px 4px  
4px #CBE93B }
```

Background

The CSS property to change the background color of an element to Hex CBE93B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#CBE93B }
```

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

```
.background{ background-color:#CBE93B }
```

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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