

Converting Colors

Hex(BEEE72)

Have a look what the booklet for
Hex(BEEE72) contains.

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Color

Hex(BEEE72)

Conversions

Conversions Part 1

Format	Color
Hex	BEEE72
RGB	190, 238, 114
RGB Percent	75%, 93%, 45%
CMY	0.2549, 0.0667, 0.5529
CMYK	0.20, 0.00, 0.52, 0.07
HSL	83°, 78%, 69%
HSV	83°, 52%, 93%
XYZ	54.8470, 73.3111, 27.1793
YIQ	209.5120, 11.1960, -48.7400

Conversions

Conversions Part 2

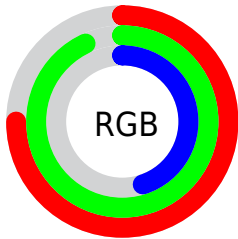
Format	Color
RYB	114, 238, 162
Decimal	12512882
CIELab	88.60, -34.57, 54.41
CIELCh	89, 64.466, 122.434
Yxy	73.3111, 0.3531, 0.4719
Android (android.graphics.Color)	4290702962 (0xFFBEEE72)
YUV	209.5120, -47.0874, -17.1120
Hunter-Lab	85.6219, -35.4963, 41.1147

Details

The Hex color **BEEE72** is a light color, and the websafe version is hex **CCFF99**. A complement of this color would be **A272EE**, and the grayscale version is **D2D2D2**.

A 20% lighter version of the original color is **F8FFA9**, and **86B63D** is the 20% darker color. If you saturate the color by 10%, you get **B5EE5A**, and if you desaturate by 10%, it is **C7EE8A**.

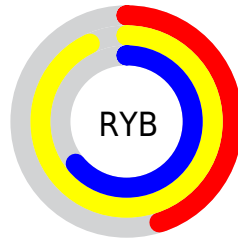
Distribution



Red (75%)

Green (93%)

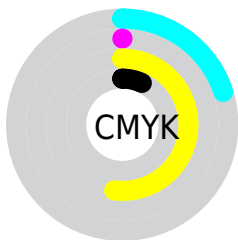
Blue (45%)



Red (45%)

Yellow (93%)

Blue (64%)

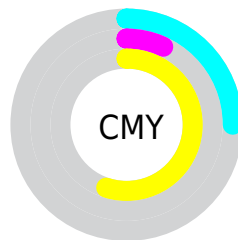


Cyan (20%)

Magenta (0%)

Yellow (52%)

Black (7%)



Cyan (25%)

Magenta (7%)

Yellow (55%)

Brightness & Saturation Gradients

These gradients show how the Hex color BEEE72 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 BEEE72 by changing the saturation by 10% instead.

 BEEE72

 BEEE72

FFFFFF

 A2D257

 F8FFA9

 86B63D

 FFFFC5

 6B9B20

 FFFFE1

 508100

 346700

 184F00

 003700

 002400

 000000

 BEEE72

 BEEE72

 B5EE5A

 C7EE8A

 ACEE42

 D0EEA2

 A2EE2B

 DAEEB9

 99EE13

 E3EED1

 92EE00

 ECEEE9

 F5EEFF

 FEEEFF

 FFEEFF

Harmonies

Analogous

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



FDDD5E



BEEE72



6AF9A3

Triad

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



BEEE72



00F4FF



FFA9DC

Complementary

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



BEEE72



A272EE

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.



FFB5FF



BEEE72



75E3FF

Square

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



BEEE72



00FCFF



E9CCFF



FFB1A0

Rectangle

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



BEEE72



00FCCC



E9CCFF



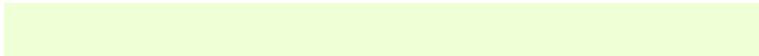
FFABF1

Sweetspot

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



BEEE72



EFFFD6



EEA272



768067



000000



808080

Same Dimension

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



BEEE72



C1FF5E



80EE72



73786C



71B800



223800

Inverse Universe

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



A272EE



9D5EFF



E072EE



716C78



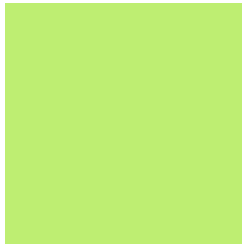
4700B8



160038

Previews

White Background



This preview shows how the Hex color BEEE72 looks on a white background.

Color Contrast Check

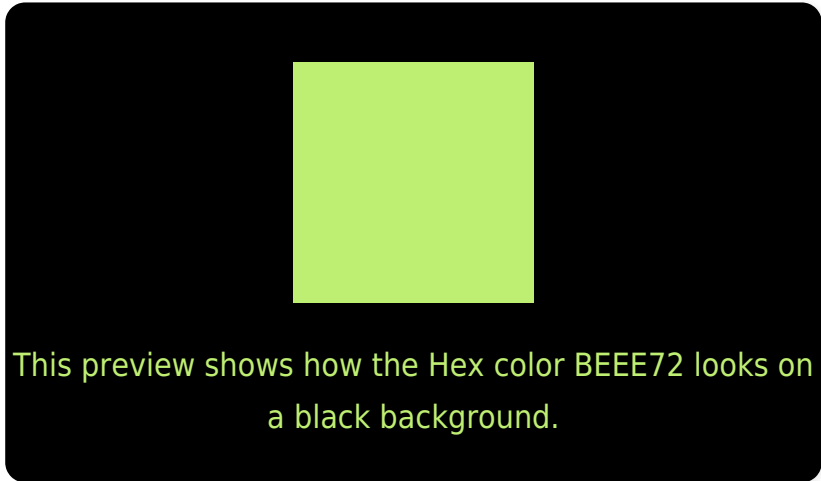
Large Text (above 18pt) WCAG AA × Fail

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 BEEE72 Background



This preview shows how black text looks on a background with the Hex color BEEE72.

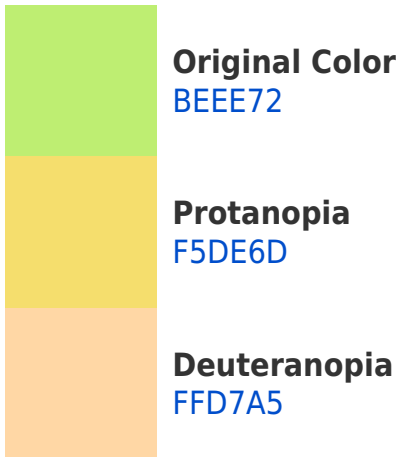


This preview shows how white text looks on a background with the Hex color BEEE72.

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](#).

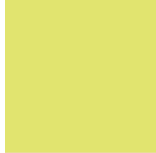
Dichromacy



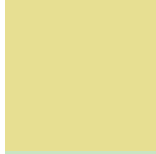
Trichromacy



Original Color
BEEE72



Protanomaly
E1E46F



Deuteranomaly
E7DF92

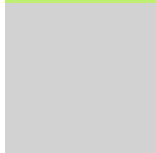


Tritanomaly
C9E5C3

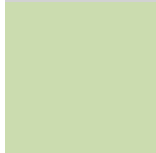
Monochromacy



Original Color
BEEE72



Achromatopsia
D2D2D2



Achromatomaly
CBDCAF

CSS Examples

Text

The CSS property to change the color of the text to Hex BEEE72 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 #BEEE72 looks like.

```
.text, #text, p{  
    color:#BEEE72  
}
```

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 #BEEE72 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #BEEE72
}
```

Border

The CSS property to change the border of an element to Hex BEEE72 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
#BEEE72 }
```

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

```
.border{ border-color:#BEEE72 }
```

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

Here you see how a box with a 4 pixel #BEEE72 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #BEEE72; -webkit-box-shadow:4px 4px  
4px 4px #BEEE72; box-shadow:4px 4px 4px  
4px #BEEE72 }
```

Background

The CSS property to change the background color of an element to Hex BEEE72 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#BEEE72 }
```

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

```
.background{ background-color:#BEEE72 }
```

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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