

Converting Colors

Hex(6BE082)

Have a look what the booklet for
Hex(6BE082) contains.

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Color

Hex(6BE082)

Conversions

Conversions Part 1

Format	Color
Hex	6BE082
RGB	107, 224, 130
RGB Percent	42%, 88%, 51%
CMY	0.5804, 0.1216, 0.4902
CMYK	0.52, 0.00, 0.42, 0.12
HSL	132°, 65%, 65%
HSV	132°, 52%, 88%
XYZ	36.7483, 58.0488, 30.3868
YIQ	178.3010, -39.5580, -54.0380

Conversions

Conversions Part 2

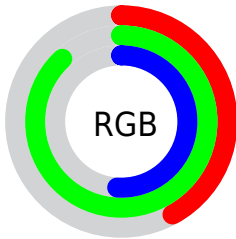
Format	Color
RYB	107, 205, 224
Decimal	7069826
CIELab	80.77, -52.84, 36.14
CIELCh	81, 64.018, 145.631
Yxy	58.0488, 0.2936, 0.4637
Android (android.graphics.Color)	4285259906 (0xFF6BE082)
YUV	178.3010, -23.8124, -62.5310
Hunter-Lab	76.1898, -47.2369, 29.6862

Details

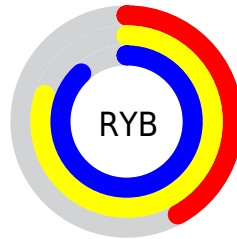
The Hex color **6BE082** is a light color, and the websafe version is hex **66CC66**. A complement of this color would be **E06BC9**, and the grayscale version is **B3B3B3**.

A 20% lighter version of the original color is **A5FFB8**, and **2BA84F** is the 20% darker color. If you saturate the color by 10%, you get **55E070**, and if you desaturate by 10%, it is **81E094**.

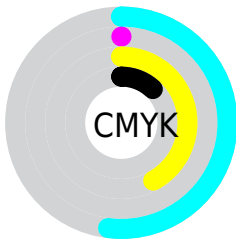
Distribution



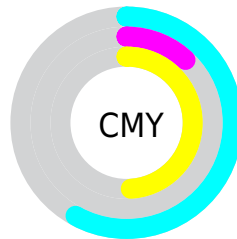
- Red (42%)
- Green (88%)
- Blue (51%)



- Red (42%)
- Yellow (80%)
- Blue (88%)



- Cyan (52%)
- Magenta (0%)
- Yellow (42%)
- Black (12%)



- Cyan (58%)
- Magenta (12%)
- Yellow (49%)

Brightness & Saturation Gradients

These gradients show how the Hex color 6BE082 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 6BE082 by changing the saturation by 10% instead.

 6BE082

 6BE082

FFFFFF

 4DC468

 A5FFB8

 2BA84F

 C3FFD4

 008D36

 E0FFF1

 00721E

 005902

 004000

 002A00

 000500

 000000

 6BE082

 6BE082

 55E070


 81E094

 3EE05E

 98E0A6

 28E04C

 AEE0B8

 11E03A

 C5E0CA

 00E02C

 DBE0DC

 F1E0EE

 FFE0FF

Harmonies

Analogous

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



B7D456



6BE082



00E6BD

Triad

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



6BE082



02D2FF



FF9898

Complementary

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



6BE082



E06BC9

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.



FF94D4



6BE082



BDBCFF

Square

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



6BE082



00DFFF



FFA4FF



FFAC66

Rectangle

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



6BE082



00E6E7



FFA4FF



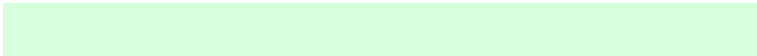
FF95AB

Sweetspot

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



6BE082



D6FFDE



CBE06B



67806C



000000



808080

Same Dimension

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



6BE082



5EFF7E



6BE0BB



657067



00B023



00300A

Inverse Universe

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



E06BC9



FF5EDF



E06B90



70656E



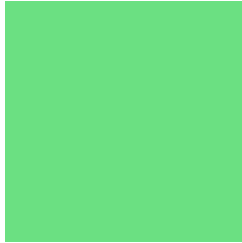
B0008D



300027

Previews

White Background



This preview shows how the Hex color 6BE082 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 6BE082 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 6BE082 Background



This preview shows how black text looks on a background with the Hex color 6BE082.

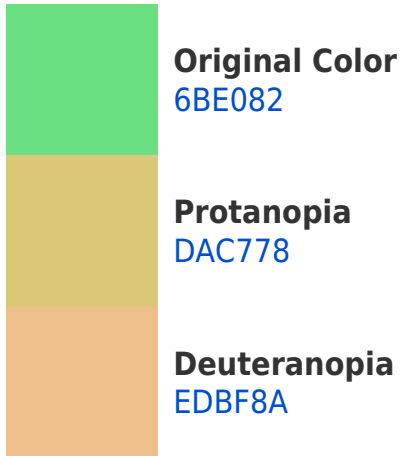


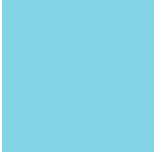
This preview shows how white text looks on a background with the Hex color 6BE082.

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
83D4E5

Trichromacy



Original Color
6BE082



Protanomaly
B2D07C



Deuteranomaly
BECB87



Tritanomaly
7AD8C1

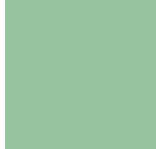
Monochromacy



Original Color
6BE082



Achromatopsia
B2B2B2



Achromatomaly
98C3A1

CSS Examples

Text

The CSS property to change the color of the text to Hex 6BE082 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 #6BE082 looks like.

```
.text, #text, p{  
    color:#6BE082  
}
```

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 #6BE082 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6BE082
}
```

Border

The CSS property to change the border of an element to Hex 6BE082 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
#6BE082 }
```

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

```
.border{ border-color:#6BE082 }
```

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

Here you see how a box with a 4 pixel #6BE082 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6BE082; -webkit-box-shadow:4px 4px  
4px 4px #6BE082; box-shadow:4px 4px 4px  
4px #6BE082 }
```

Background

The CSS property to change the background color of an element to Hex 6BE082 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6BE082 }
```

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

```
.background{ background-color:#6BE082 }
```

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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