

Converting Colors

Hex(62BE8A)

Have a look what the booklet for
Hex(62BE8A) contains.

Hex(62BE8A)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(62BE8A)

Conversions

Conversions Part 1

Format	Color
Hex	62BE8A
RGB	98, 190, 138
RGB Percent	38%, 75%, 54%
CMY	0.6157, 0.2549, 0.4588
CMYK	0.48, 0.00, 0.27, 0.25
HSL	146°, 41%, 56%
HSV	146°, 48%, 75%
XYZ	28.0379, 41.2586, 30.5307
YIQ	156.5640, -38.1400, -35.6760

Conversions

Conversions Part 2

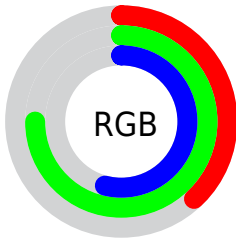
Format	Color
RYB	98, 162, 190
Decimal	6471306
CIELab	70.36, -39.38, 17.99
CIELCh	70, 43.297, 155.455
Yxy	41.2586, 0.2809, 0.4133
Android (android.graphics.Color)	4284661386 (0xFF62BE8A)
YUV	156.5640, -9.1521, -51.3606
Hunter-Lab	64.2328, -34.4914, 16.7817

Details

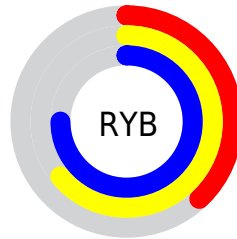
The Hex color **62BE8A** is a dark color, and the websafe version is hex **66CC99**. A complement of this color would be **BE6296**, and the grayscale version is **9D9D9D**.

A 20% lighter version of the original color is **9AF7C0**, and **288858** is the 20% darker color. If you saturate the color by 10%, you get **4FBE7F**, and if you desaturate by 10%, it is **75BE95**.

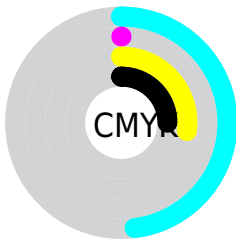
Distribution



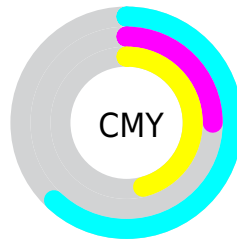
- Red (38%)
- Green (75%)
- Blue (54%)



- Red (38%)
- Yellow (64%)
- Blue (75%)



- Cyan (48%)
- Magenta (0%)
- Yellow (27%)
- Black (25%)



- Cyan (62%)
- Magenta (25%)
- Yellow (46%)

Brightness & Saturation Gradients

These gradients show how the Hex color 62BE8A 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 62BE8A by changing the saturation by 10% instead.



62BE8A



62BE8A

FFFFFF



46A370



9AF7C0



288858



B6FFDC



006E40



D3FFF8



00552A



F0FFFF



003D15



002800



000200



000000



62BE8A



62BE8A

 4FBE7F

 75BE95

 3CBE75

 88BE9F

 29BE6A

 9BBEAA

 16BE5F

 AEBEB5

 03BE54

 C1BEC0

 00BE53

 D4BECA

 E7BED5

 FABEE0

 FFBEEB

Harmonies

Analogous

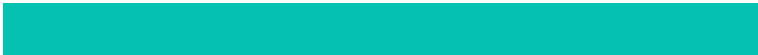
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



94B76A



62BE8A



04C1B2

Triad

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



62BE8A



7BAEFA



F49280

Complementary

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



62BE8A



BE6296

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.



F68CA6



62BE8A



B99FEC

Square

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



62BE8A



16B9F3



E392CE



DF9E65

Rectangle

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



62BE8A



00C0CD



E392CE



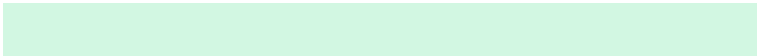
F78F8C

Sweetspot

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



62BE8A



D2F7E2



96BE62



667D70



FCFCFC



7D7D7D

Same Dimension

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



62BE8A



68F7A6



62BEB8



555E59



009E45



001F0D

Inverse Universe

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



BE6296



F768B9



BE6268



5E555A



9E0059



1F0011

Previews

White Background



This preview shows how the Hex color 62BE8A looks on a white background.

Color Contrast Check

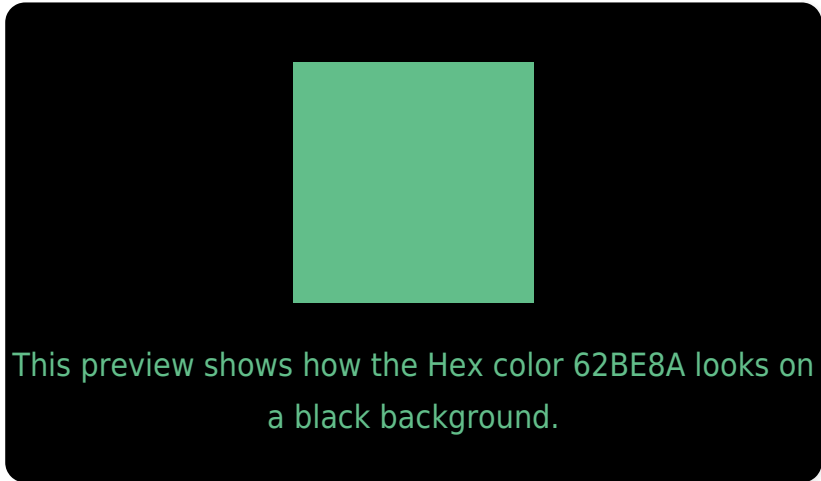
Large Text (above 18pt) WCAG AA × Fail

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

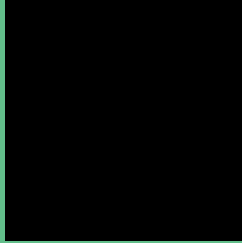
Any Text WCAG AA ✓ Pass

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 62BE8A Background



This preview shows how black text looks on a background with the Hex color 62BE8A.

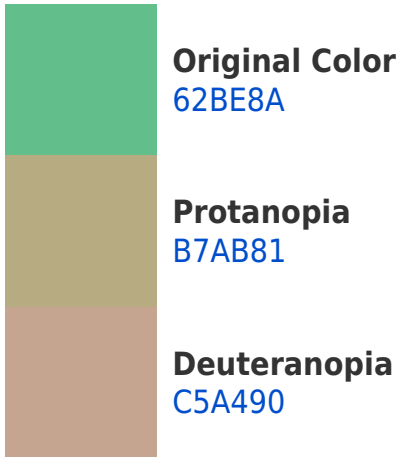


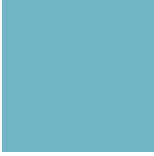
This preview shows how white text looks on a background with the Hex color 62BE8A.

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](#).

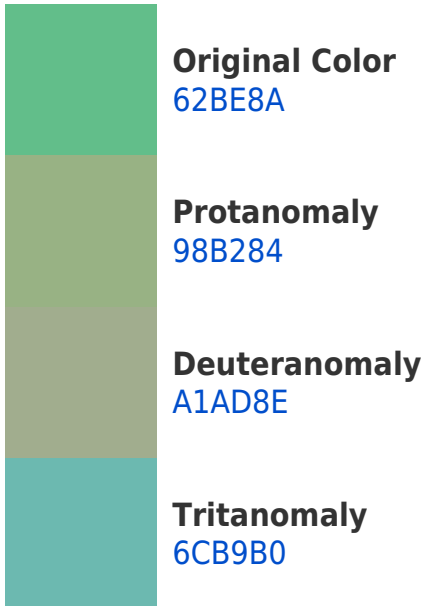
Dichromacy





Tritanopia
71B6C5

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 62BE8A 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 #62BE8A looks like.

```
.text, #text, p{  
    color:#62BE8A  
}
```

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 #62BE8A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #62BE8A
}
```

Border

The CSS property to change the border of an element to Hex 62BE8A 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
#62BE8A }
```

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

```
.border{ border-color:#62BE8A }
```

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

Here you see how a box with a 4 pixel #62BE8A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #62BE8A; -webkit-box-shadow:4px 4px  
4px 4px #62BE8A; box-shadow:4px 4px 4px  
4px #62BE8A }
```

Background

The CSS property to change the background color of an element to Hex 62BE8A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#62BE8A }
```

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

```
.background{ background-color:#62BE8A }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor