

Converting Colors

Hex(65A589)

Have a look what the booklet for
Hex(65A589) contains.

Hex(65A589)	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(65A589)

Conversions

Conversions Part 1

Format	Color
Hex	65A589
RGB	101, 165, 137
RGB Percent	40%, 65%, 54%
CMY	0.6039, 0.3529, 0.4627
CMYK	0.39, 0.00, 0.17, 0.35
HSL	154°, 26%, 52%
HSV	154°, 39%, 65%
XYZ	23.3373, 31.4831, 28.5138
YIQ	142.6720, -29.1560, -22.2760

Conversions

Conversions Part 2

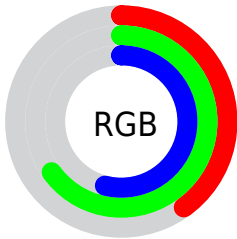
Format	Color
RYB	101, 142, 165
Decimal	6661513
CIELab	62.91, -27.05, 8.10
CIELCh	63, 28.237, 163.328
Yxy	31.4831, 0.2800, 0.3778
Android (android.graphics.Color)	4284851593 (0xFF65A589)
YUV	142.6720, -2.7963, -36.5463
Hunter-Lab	56.1098, -23.9501, 9.1470

Details

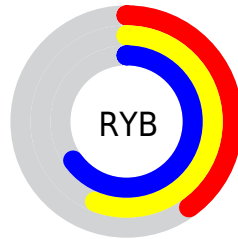
The Hex color **65A589** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **A56581**, and the grayscale version is **8F8F8F**.

A 20% lighter version of the original color is **9ADCBE**, and **317157** is the 20% darker color. If you saturate the color by 10%, you get **54A582**, and if you desaturate by 10%, it is **75A590**.

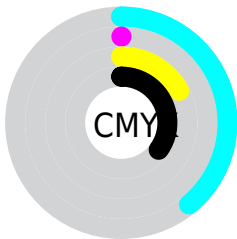
Distribution



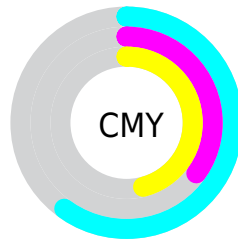
- Red (40%)
- Green (65%)
- Blue (54%)



- Red (40%)
- Yellow (56%)
- Blue (65%)



- Cyan (39%)
- Magenta (0%)
- Yellow (17%)
- Black (35%)



- Cyan (60%)
- Magenta (35%)
- Yellow (46%)

Brightness & Saturation Gradients

These gradients show how the Hex color 65A589 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 65A589 by changing the saturation by 10% instead.



65A589



65A589

FFFFFF



4B8A70



9ADCBE



317157



B6F9DA



155840



D2FFF7



00402A



FFFFFF



002A15



001200



000000



65A589



65A589



54A582



75A590

■ 44A57B

■ 86A597

■ 33A573

■ 96A59F

■ 23A56C

■ A7A5A6

■ 12A565

■ B7A5AD

■ 02A55E

■ C8A5B4

■ 00A55D

■ D8A5BC

■ E9A5C3

■ FAA5CA

Harmonies

Analogous

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



82A173



65A589



4CA6A3

Triad

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



65A589



8897C9



C68A77

Complementary

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



65A589



A56581

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.



CA868E



65A589



AA8EBD

Square

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



65A589



639FC8



C187A7



B69269

Rectangle

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



65A589



46A5B3



C187A7



C9887E

Sweetspot

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



65A589



BCD6CB



82A565



5C6B65



EBEBEB



6B6B6B

Same Dimension

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



65A589



72D6AA



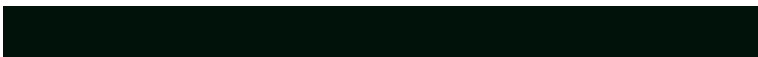
65A2A5



49524E



009152



00120A

Inverse Universe

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



A56581



D6729E



A56865



52494D



910040



120008

Previews

White Background



This preview shows how the Hex color 65A589 looks on a white background.

Color Contrast Check

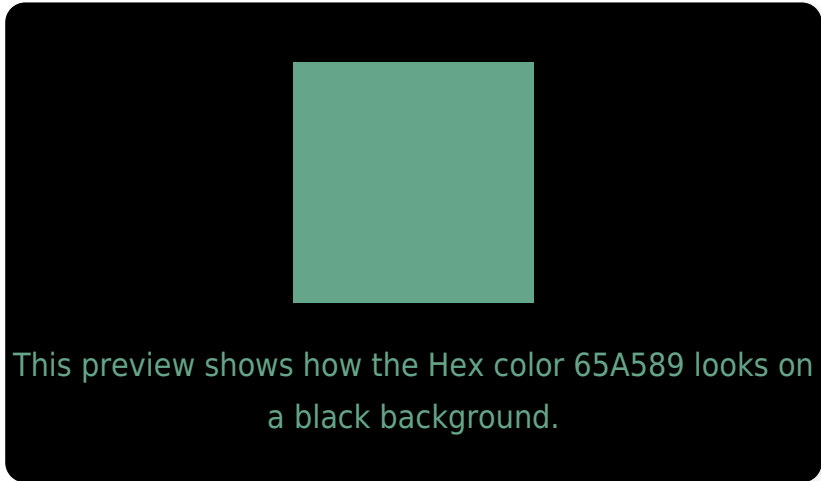
Large Text (above 18pt) WCAG AA × Fail

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

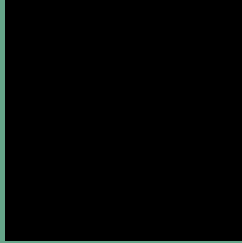
Any Text WCAG AA ✓ Pass

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 65A589 Background



This preview shows how black text looks on a background with the Hex color 65A589.

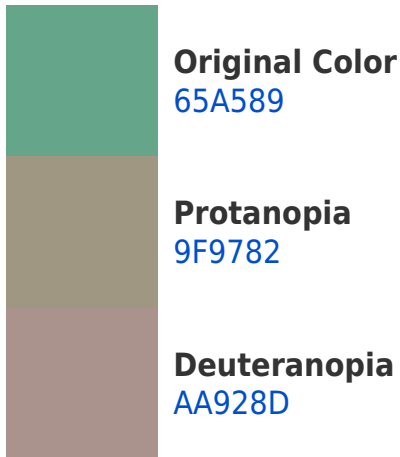


This preview shows how white text looks on a background with the Hex color 65A589.

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](#).

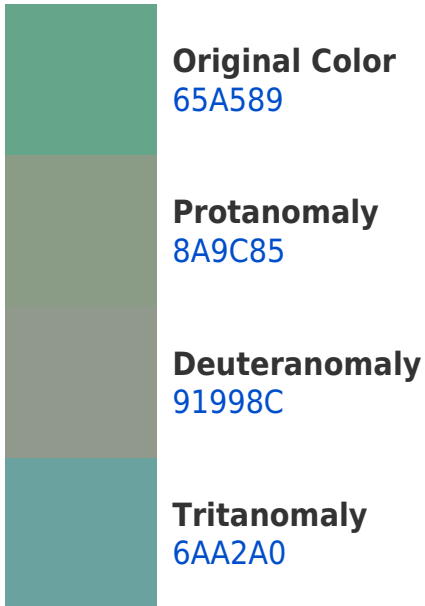
Dichromacy



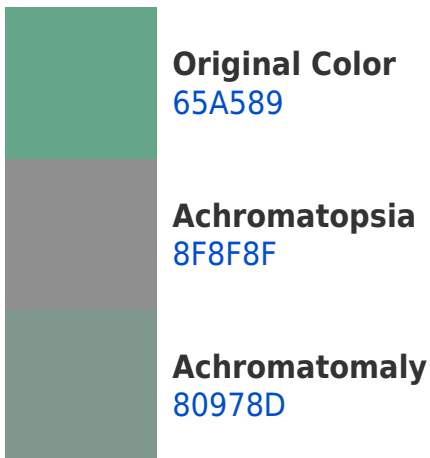


Tritanopia
6DA0AD

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 65A589 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 #65A589 looks like.

```
.text, #text, p{  
    color:#65A589  
}
```

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 #65A589 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #65A589
}
```

Border

The CSS property to change the border of an element to Hex 65A589 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
#65A589 }
```

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

```
.border{ border-color:#65A589 }
```

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

Here you see how a box with a 4 pixel #65A589 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #65A589; -webkit-box-shadow:4px 4px  
4px 4px #65A589; box-shadow:4px 4px 4px  
4px #65A589 }
```

Background

The CSS property to change the background color of an element to Hex 65A589 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#65A589 }
```

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

```
.background{ background-color:#65A589 }
```

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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