

Converting Colors

Hex(3EA58D)

Have a look what the booklet for
Hex(3EA58D) contains.

Hex(3EA58D)	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(3EA58D)

Conversions

Conversions Part 1

Format	Color
Hex	3EA58D
RGB	62, 165, 141
RGB Percent	24%, 65%, 55%
CMY	0.7569, 0.3529, 0.4471
CMYK	0.62, 0.00, 0.15, 0.35
HSL	166°, 45%, 45%
HSV	166°, 62%, 65%
XYZ	20.2495, 29.8575, 29.8951
YIQ	131.4670, -53.6840, -29.3000

Conversions

Conversions Part 2

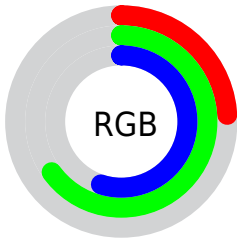
Format	Color
RYB	62, 120, 165
Decimal	4105613
CIELab	61.53, -35.56, 3.68
CIELCh	62, 35.749, 174.085
Yxy	29.8575, 0.2531, 0.3732
Android (android.graphics.Color)	4282295693 (0xFF3EA58D)
YUV	131.4670, 4.6998, -60.9226
Hunter-Lab	54.6420, -29.4742, 5.8113

Details

The Hex color **3EA58D** is a dark color, and the websafe version is hex **009999**. A complement of this color would be **A53E56**, and the grayscale version is **838383**.

A 20% lighter version of the original color is **78DDC3**, and **00705B** is the 20% darker color. If you saturate the color by 10%, you get **2DA589**, and if you desaturate by 10%, it is **4EA591**.

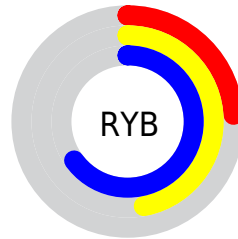
Distribution



Red (24%)

Green (65%)

Blue (55%)



Red (24%)

Yellow (47%)

Blue (65%)

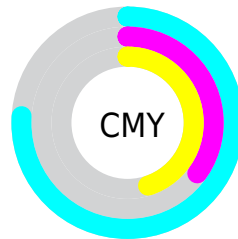


Cyan (62%)

Magenta (0%)

Yellow (15%)

Black (35%)



Cyan (76%)

Magenta (35%)

Yellow (45%)

Brightness & Saturation Gradients

These gradients show how the Hex color 3EA58D 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 3EA58D by changing the saturation by 10% instead.

 3EA58D

 3EA58D

FFFFFF

 1A8A73

 78DDC3

 00705B

 95F9DE

 005744

 B1FFFB

 003F2D

 CEFFFF

 002919

 ECFFFF

 000A00

 000000

 3EA58D

 3EA58D

 2DA589

 4EA591

■ 1DA585

■ 5FA595

■ 0CA581

■ 6FA599

■ 00A57F

■ 80A59C

■ 90A5A0

■ A1A5A4

■ B1A5A8

■ C2A5AC

■ D2A5B0

Harmonies

Analogous

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



6AA16E



3EA58D



00A5AD

Triad

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



3EA58D



8F8FCE



C68662

Complementary

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



3EA58D



A53E56

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.



D27D7C



3EA58D



B683BA

Square

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



3EA58D



5A9AD3



CD7C9C



AF9155

Rectangle

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



3EA58D



00A3C0



CD7C9C



CC826A

Sweetspot

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



3EA58D



AED6CD



56A53E



526B65



EBEBEB



6B6B6B

Same Dimension

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



3EA58D



36D6B1



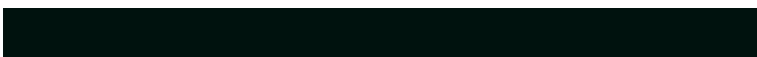
3E8AA5



495250



00916F



00120E

Inverse Universe

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



A53E56



D6365B



A5593E



52494B



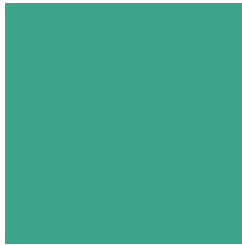
910022



120004

Previews

White Background



This preview shows how the Hex color 3EA58D looks on a white background.

Color Contrast Check

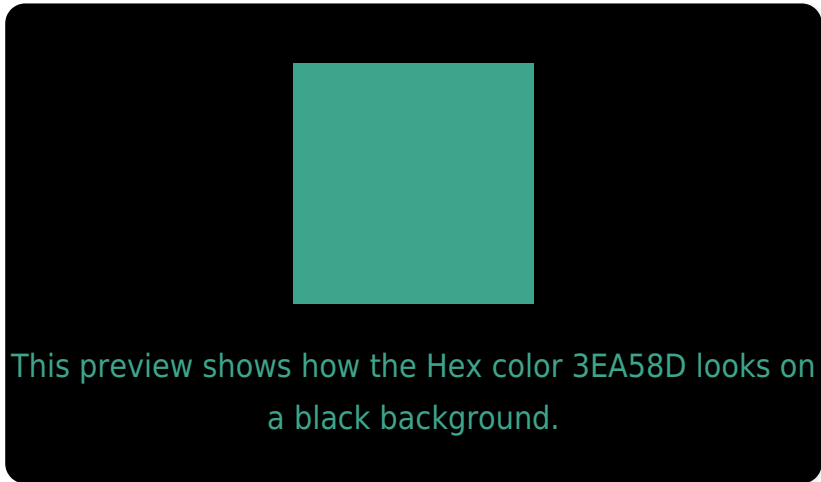
Large Text (above 18pt) WCAG AA ✓ Pass

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

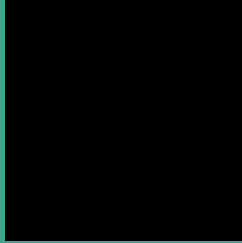
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Hex 3EA58D Background



This preview shows how black text looks on a background with the Hex color 3EA58D.

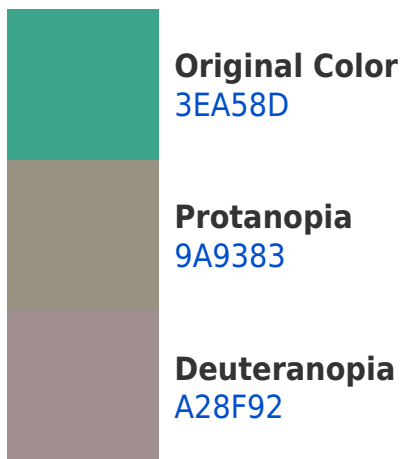


This preview shows how white text looks on a background with the Hex color 3EA58D.

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
4BA0AD

Trichromacy



Original Color
3EA58D



Protanomaly
799A87



Deuteranomaly
7E9790



Tritanomaly
46A2A1

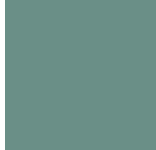
Monochromacy



Original Color
3EA58D



Achromatopsia
838383



Achromatomaly
6A8F87

CSS Examples

Text

The CSS property to change the color of the text to Hex 3EA58D 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 #3EA58D looks like.

```
.text, #text, p{  
    color:#3EA58D  
}
```

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 #3EA58D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3EA58D
}
```

Border

The CSS property to change the border of an element to Hex 3EA58D 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
#3EA58D }
```

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

```
.border{ border-color:#3EA58D }
```

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

Here you see how a box with a 4 pixel #3EA58D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3EA58D; -webkit-box-shadow:4px 4px  
4px 4px #3EA58D; box-shadow:4px 4px 4px  
4px #3EA58D }
```

Background

The CSS property to change the background color of an element to Hex 3EA58D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3EA58D }
```

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

```
.background{ background-color:#3EA58D }
```

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