

Converting Colors

Hex(3A8560)

Have a look what the booklet for
Hex(3A8560) contains.

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Color

Hex(3A8560)

Conversions

Conversions Part 1

Format	Color
Hex	3A8560
RGB	58, 133, 96
RGB Percent	23%, 52%, 38%
CMY	0.7725, 0.4784, 0.6235
CMYK	0.56, 0.00, 0.28, 0.48
HSL	150°, 39%, 37%
HSV	150°, 56%, 52%
XYZ	12.2438, 18.5191, 13.9956
YIQ	106.3570, -32.8230, -27.4070

Conversions

Conversions Part 2

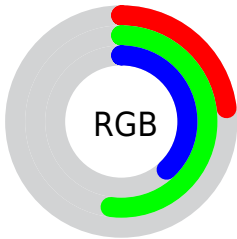
Format	Color
RYB	58, 108, 133
Decimal	3835232
CIELab	50.12, -32.48, 13.07
CIELCh	50, 35.008, 158.087
Yxy	18.5191, 0.2736, 0.4138
Android (android.graphics.Color)	4282025312 (0xFF3A8560)
YUV	106.3570, -5.1060, -42.4091
Hunter-Lab	43.0339, -24.5233, 10.8413

Details

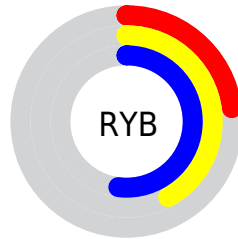
The Hex color **3A8560** is a dark color, and the websafe version is hex **339966**. A complement of this color would be **853A5F**, and the grayscale version is **6A6A6A**.

A 20% lighter version of the original color is **6FBB93**, and **005332** is the 20% darker color. If you saturate the color by 10%, you get **2D8559**, and if you desaturate by 10%, it is **478567**.

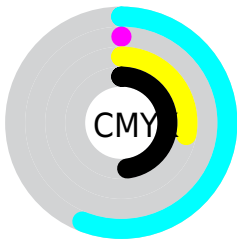
Distribution



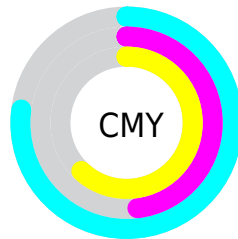
- Red (23%)
- Green (52%)
- Blue (38%)



- Red (23%)
- Yellow (42%)
- Blue (52%)



- Cyan (56%)
- Magenta (0%)
- Yellow (28%)
- Black (48%)



- Cyan (77%)
- Magenta (48%)
- Yellow (62%)

Brightness & Saturation Gradients

These gradients show how the Hex color 3A8560 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 3A8560 by changing the saturation by 10% instead.



3A8560



3A8560

FFFFFF



1D6B48



6FBB93



005332



8AD7AD



003B1C



A6F3C9



002503



C2FFE5



000100



DFFFFF



000000



FCFFFF



3A8560



3A8560



2D8559



478567

 1F8553

 55856D

 12854C

 628574

 058546

 6F857A

 008543

 7D8581

 8A8587

 97858E

 A48594

 B2859B

Harmonies

Analogous

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



628047



3A8560



00877F

Triad

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



3A8560



5678B2



AC6454

Complementary

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



3A8560



853A5F

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.



B05F70



3A8560



856CA6

Square

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



3A8560



0080AE



A3628E



9C6E40

Rectangle

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



3A8560



008692



A3628E



AF615D

Sweetspot

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



3A8560



90AD9F



60853A



45574E



D6D6D6



575757

Same Dimension

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



3A8560



37AD73



3A8585



3C423F



008242



000301

Inverse Universe

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



853A5F



AD3772



853A3A



423C3F



820040



030001

Previews

White Background



This preview shows how the Hex color 3A8560 looks on a white background.

Color Contrast Check

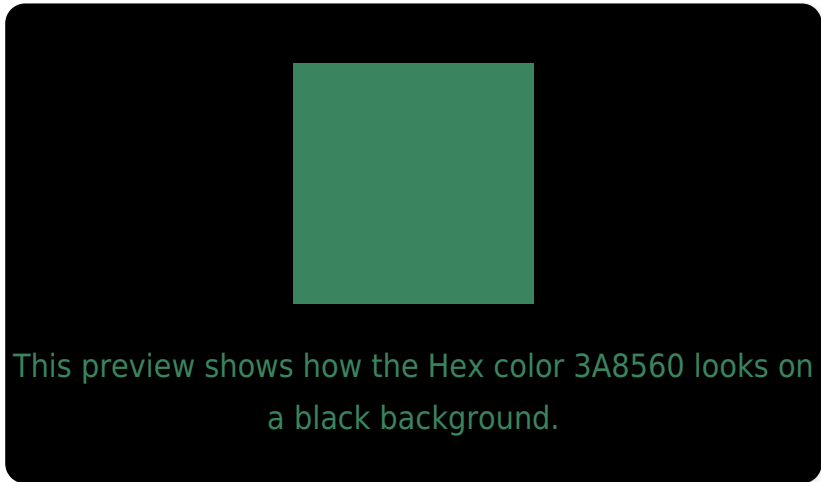
Large Text (above 18pt) WCAG AA ✓ Pass

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

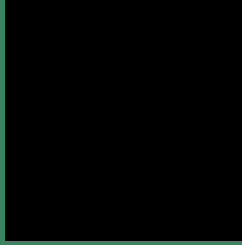
Any Text WCAG AA ✓ Pass

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 3A8560 Background



This preview shows how black text looks on a background with the Hex color 3A8560.

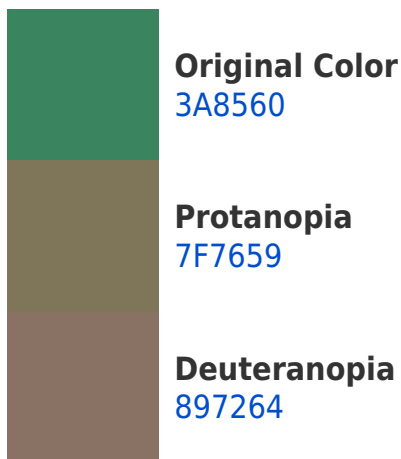


This preview shows how white text looks on a background with the Hex color 3A8560.

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
47808A

Trichromacy



Original Color
3A8560

Protanomaly
667B5C

Deuteranomaly
6C7963

Tritanomaly
42827B

Monochromacy



Original Color
3A8560

Achromatopsia
6A6A6A

Achromatomaly
597466

CSS Examples

Text

The CSS property to change the color of the text to Hex 3A8560 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 #3A8560 looks like.

```
.text, #text, p{  
    color:#3A8560  
}
```

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 #3A8560 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3A8560
}
```

Border

The CSS property to change the border of an element to Hex 3A8560 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
#3A8560 }
```

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

```
.border{ border-color:#3A8560 }
```

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

Here you see how a box with a 4 pixel #3A8560 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3A8560; -webkit-box-shadow:4px 4px  
4px 4px #3A8560; box-shadow:4px 4px 4px  
4px #3A8560 }
```

Background

The CSS property to change the background color of an element to Hex 3A8560 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3A8560 }
```

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

```
.background{ background-color:#3A8560 }
```

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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