

Converting Colors

Hex(3D8E5F)

Have a look what the booklet for
Hex(3D8E5F) contains.

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Color

Hex(3D8E5F)

Conversions

Conversions Part 1

Format	Color
Hex	3D8E5F
RGB	61, 142, 95
RGB Percent	24%, 56%, 37%
CMY	0.7608, 0.4431, 0.6275
CMYK	0.57, 0.00, 0.33, 0.44
HSL	145°, 40%, 40%
HSV	145°, 57%, 56%
XYZ	13.6630, 21.1643, 14.1915
YIQ	112.4230, -33.1890, -31.7890

Conversions

Conversions Part 2

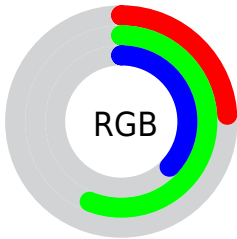
Format	Color
RYB	61, 118, 142
Decimal	4034143
CIELab	53.13, -36.05, 17.78
CIELCh	53, 40.195, 153.740
Yxy	21.1643, 0.2787, 0.4318
Android (android.graphics.Color)	4282224223 (0xFF3D8E5F)
YUV	112.4230, -8.5895, -45.0980
Hunter-Lab	46.0047, -27.4952, 13.9136

Details

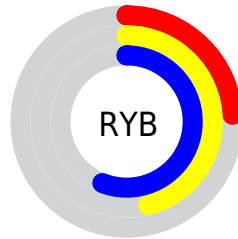
The Hex color **3D8E5F** is a dark color, and the websafe version is hex **339966**. A complement of this color would be **8E3D6C**, and the grayscale version is **717171**.

A 20% lighter version of the original color is **73C492**, and **005B30** is the 20% darker color. If you saturate the color by 10%, you get **2F8E57**, and if you desaturate by 10%, it is **4B8E67**.

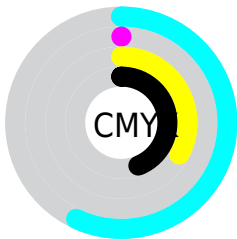
Distribution



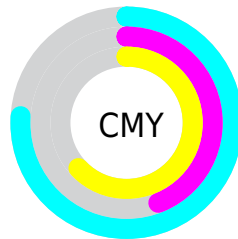
- Red (24%)
- Green (56%)
- Blue (37%)



- Red (24%)
- Yellow (46%)
- Blue (56%)



- Cyan (57%)
- Magenta (0%)
- Yellow (33%)
- Black (44%)



- Cyan (76%)
- Magenta (44%)
- Yellow (63%)

Brightness & Saturation Gradients

These gradients show how the Hex color 3D8E5F 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 3D8E5F by changing the saturation by 10% instead.



3D8E5F



3D8E5F

FFFFFF



207447



73C492



005B30



8FE1AC



00431B



AAFDC8



002C02



C7FFE4



001300



E3FFFF



000000



3D8E5F



3D8E5F



2F8E57



4B8E67



218E4F



598E6F

■ 128E46

■ 688E78

■ 048E3E

■ 768E80

■ 008E3C

■ 848E88

■ 928E90

■ A08E99

■ AF8EA1

■ BD8EA9

Harmonies

Analogous

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



6B8843



3D8E5F



009082

Triad

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



3D8E5F



4B81C4



BD665A

Complementary

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



3D8E5F



8E3D6C

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.



BF627C



3D8E5F



8774B8

Square

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



3D8E5F



008ABC



AD679E



AC7241

Rectangle

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



3D8E5F



00909A



AD679E



C06465

Sweetspot

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



3D8E5F



98B8A5



6C8E3D



495C51



DBDBDB



5C5C5C

Same Dimension

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



3D8E5F



3BB86F



3D8E87



404743



008739



000803

Inverse Universe

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



8E3D6C



B83B83



8E3D44



474044



87004E



080004

Previews

White Background



This preview shows how the Hex color 3D8E5F looks on a white background.

Color Contrast Check

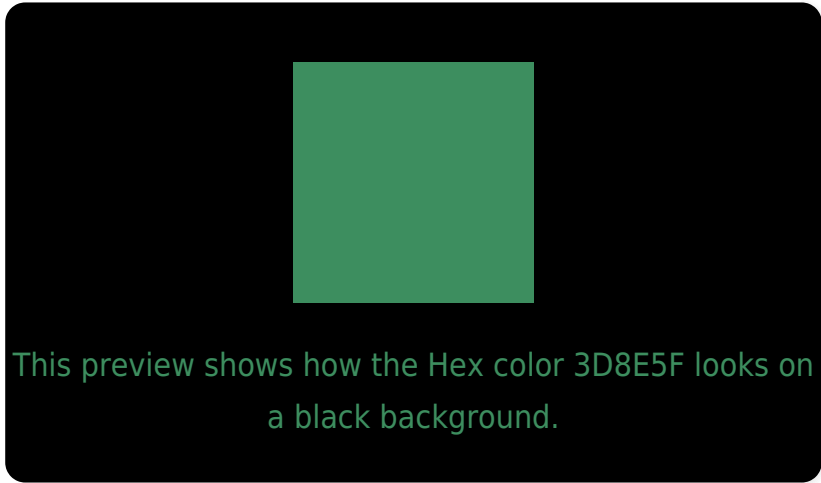
Large Text (above 18pt) WCAG AA ✓ Pass

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

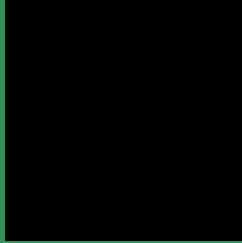
Any Text WCAG AA ✓ Pass

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 3D8E5F Background



This preview shows how black text looks on a background with the Hex color 3D8E5F.



This preview shows how white text looks on a background with the Hex color 3D8E5F.

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](#).

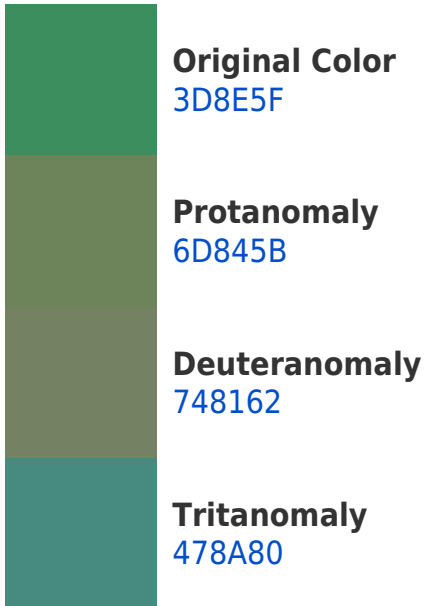
Dichromacy



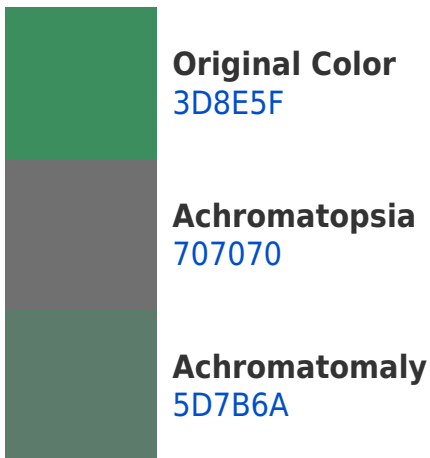


Tritanopia
4C8893

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 3D8E5F 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 #3D8E5F looks like.

```
.text, #text, p{  
    color:#3D8E5F  
}
```

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 #3D8E5F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3D8E5F
}
```

Border

The CSS property to change the border of an element to Hex 3D8E5F 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
#3D8E5F }
```

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

```
.border{ border-color:#3D8E5F }
```

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

Here you see how a box with a 4 pixel #3D8E5F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3D8E5F; -webkit-box-shadow:4px 4px  
4px 4px #3D8E5F; box-shadow:4px 4px 4px  
4px #3D8E5F }
```

Background

The CSS property to change the background color of an element to Hex 3D8E5F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3D8E5F }
```

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

```
.background{ background-color:#3D8E5F }
```

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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