

Converting Colors

Hex(3DA975)

Have a look what the booklet for
Hex(3DA975) contains.

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Color

Hex(3DA975)

Conversions

Conversions Part 1

Format	Color
Hex	3DA975
RGB	61, 169, 117
RGB Percent	24%, 66%, 46%
CMY	0.7608, 0.3373, 0.5412
CMYK	0.64, 0.00, 0.31, 0.34
HSL	151°, 47%, 45%
HSV	151°, 64%, 66%
XYZ	19.3233, 30.6524, 21.7277
YIQ	130.7800, -47.6760, -39.0680

Conversions

Conversions Part 2

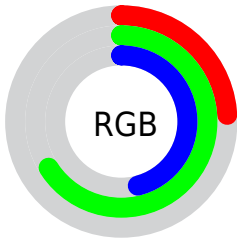
Format	Color
RYB	61, 132, 169
Decimal	4041077
CIELab	62.21, -43.12, 17.98
CIElCh	62, 46.720, 157.370
Yxy	30.6524, 0.2695, 0.4275
Android (android.graphics.Color)	4282231157 (0xFF3DA975)
YUV	130.7800, -6.7935, -61.1971
Hunter-Lab	55.3646, -34.5881, 15.4870




Details

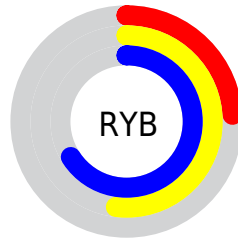
The Hex color **3DA975** is a dark color, and the websafe version is hex **339966**. A complement of this color would be **A93D71**, and the grayscale version is **838383**.




A 20% lighter version of the original color is **77E1A9**, and **007444** is the 20% darker color. If you saturate the color by 10%, you get **2CA96D**, and if you desaturate by 10%, it is **4EA97D**.

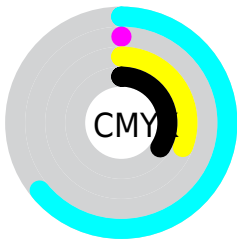
Distribution







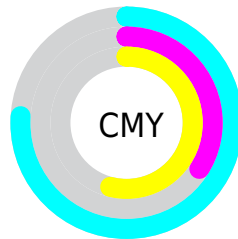
-  Red (24%)
-  Green (66%)
-  Blue (46%)






-  Red (24%)
-  Yellow (52%)
-  Blue (66%)



-  Cyan (64%)
-  Magenta (0%)
-  Yellow (31%)
-  Black (34%)



-  Cyan (76%)
-  Magenta (34%)
-  Yellow (54%)

Brightness & Saturation Gradients

These gradients show how the Hex color 3DA975 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 3DA975 by changing the saturation by 10% instead.

 3DA975

 3DA975

FFFFFF

 198E5C

 77E1A9

 007444

 94FEC5

 005A2E

 B1FFE1

 004218

 CEFFFD

 002C00

 EBFFFF

 000F00

 000000

 3DA975

 3DA975

 2CA96D

 4EA97D

■ 1BA965

■ 5FA985

■ 0AA95D

■ 70A98D

■ 00A958

■ 81A996

■ 92A99E

■ A2A9A6

■ B3A9AE

■ C4A9B6

■ D5A9BE

Harmonies

Analogous

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



79A252



3DA975



00ABA0

Triad

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



3DA975



6197E8



DF7A66

Complementary

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



3DA975



A93D71

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.



E4738E



3DA975



A787D8

Square

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



3DA975



00A3E2



D279B7



C88949

Rectangle

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



3DA975



00ABBB



D279B7



E37773

Sweetspot

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



3DA975



B2DBC7



71A93D



546E62



EDEDED



6E6E6E

Same Dimension

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



3DA975



32DB8A



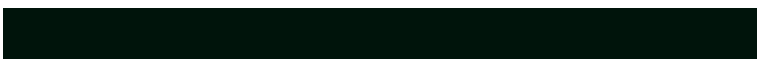
3DA7A9



4C5450



00944D



00140B

Inverse Universe

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



A93D71



DB3284



A93F3D



544C50



940047



14000A

Previews

White Background



This preview shows how the Hex color 3DA975 looks on a white background.

Color Contrast Check

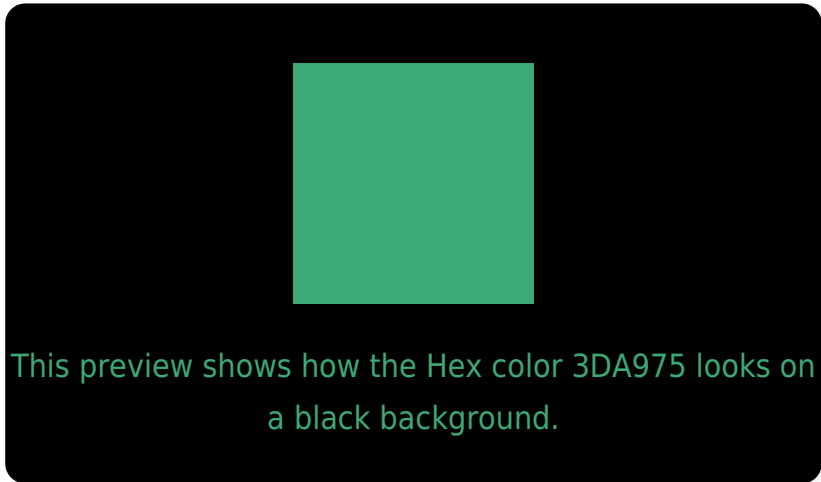
Large Text (above 18pt) WCAG AA × Fail

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

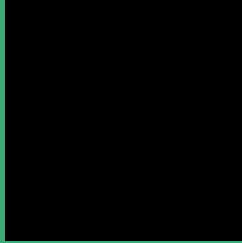
Any Text WCAG AA ✓ Pass

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 3DA975 Background



This preview shows how black text looks on a background with the Hex color 3DA975.

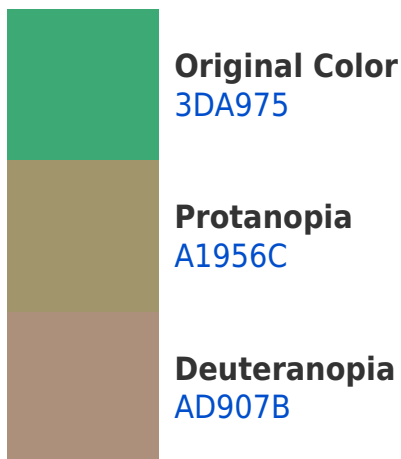


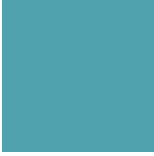
This preview shows how white text looks on a background with the Hex color 3DA975.

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
51A2AF

Trichromacy



Original Color
3DA975



Protanomaly
7D9C6F



Deuteranomaly
849979



Tritanomaly
4AA59A

Monochromacy



Original Color
3DA975



Achromatopsia
838383



Achromatomaly
6A917E

CSS Examples

Text

The CSS property to change the color of the text to Hex 3DA975 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 #3DA975 looks like.

```
.text, #text, p{  
    color:#3DA975  
}
```

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 #3DA975 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3DA975
}
```

Border

The CSS property to change the border of an element to Hex 3DA975 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
#3DA975 }
```

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

```
.border{ border-color:#3DA975 }
```

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

Here you see how a box with a 4 pixel #3DA975 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3DA975; -webkit-box-shadow:4px 4px  
4px 4px #3DA975; box-shadow:4px 4px 4px  
4px #3DA975 }
```

Background

The CSS property to change the background color of an element to Hex 3DA975 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3DA975 }
```

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

```
.background{ background-color:#3DA975 }
```

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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