

Converting Colors

Hex(3DA162)

Have a look what the booklet for
Hex(3DA162) contains.

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Color

Hex(3DA162)

Conversions

Conversions Part 1

Format	Color
Hex	3DA162
RGB	61, 161, 98
RGB Percent	24%, 63%, 38%
CMY	0.7608, 0.3686, 0.6157
CMYK	0.62, 0.00, 0.39, 0.37
HSL	142°, 45%, 44%
HSV	142°, 62%, 63%
XYZ	16.8739, 27.3637, 15.9476
YIQ	123.9180, -39.3770, -40.7930

Conversions

Conversions Part 2

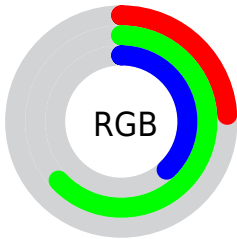
Format	Color
RYB	61, 134, 161
Decimal	4039010
CIELab	59.31, -43.59, 24.42
CIElCh	59, 49.968, 150.745
Yxy	27.3637, 0.2804, 0.4547
Android (android.graphics.Color)	4282229090 (0xFF3DA162)
YUV	123.9180, -12.7776, -55.1791
Hunter-Lab	52.3103, -33.9636, 18.5417

Details

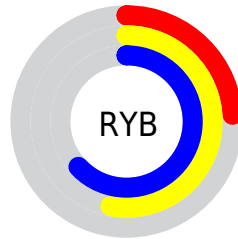
The Hex color **3DA162** is a dark color, and the websafe version is hex **339966**. A complement of this color would be **A13D7C**, and the grayscale version is **7C7C7C**.

A 20% lighter version of the original color is **76D995**, and **006C32** is the 20% darker color. If you saturate the color by 10%, you get **2DA158**, and if you desaturate by 10%, it is **4DA16C**.

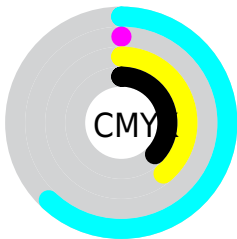
Distribution



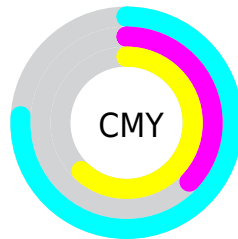
- Red (24%)
- Green (63%)
- Blue (38%)



- Red (24%)
- Yellow (53%)
- Blue (63%)



- Cyan (62%)
- Magenta (0%)
- Yellow (39%)
- Black (37%)



- Cyan (76%)
- Magenta (37%)
- Yellow (62%)

Brightness & Saturation Gradients

These gradients show how the Hex color 3DA162 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 3DA162 by changing the saturation by 10% instead.

 3DA162

 3DA162

FFFFFF

 1B864A

 76D995

 006C32

 92F5B0

 00531C

 AFFFCC

 003B04

 CCFE8

 002600

 E9FFFF

 000000

 3DA162

 3DA162

 2DA158

 4DA16C

 1DA14E

 5DA176

0DA144

6DA180

00A13C

7DA18B

8EA195

9EA19F

AEA1A9

BEA1B3

CEA1BD

Harmonies

Analogous

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



7A993F



3DA162



00A48F

Triad

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



3DA162



3393E6



DD6D64

Complementary

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



3DA162



A13D7C

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.



DE688F



3DA162



9283DA

Square

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



3DA162



009EDB



C571BA



C97D42

Rectangle

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



3DA162



00A4AD



C571BA



E06A72

Sweetspot

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



3DA162



A9D1B8



7CA13D



516959



E8E8E8



696969

Same Dimension

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



3DA162



34D16E



3DA194



49524C



009136



001207

Inverse Universe

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



A13D7C



D13497



A13D4A



52494F



91005C



12000B

Previews

White Background



This preview shows how the Hex color 3DA162 looks on a white background.

Color Contrast Check

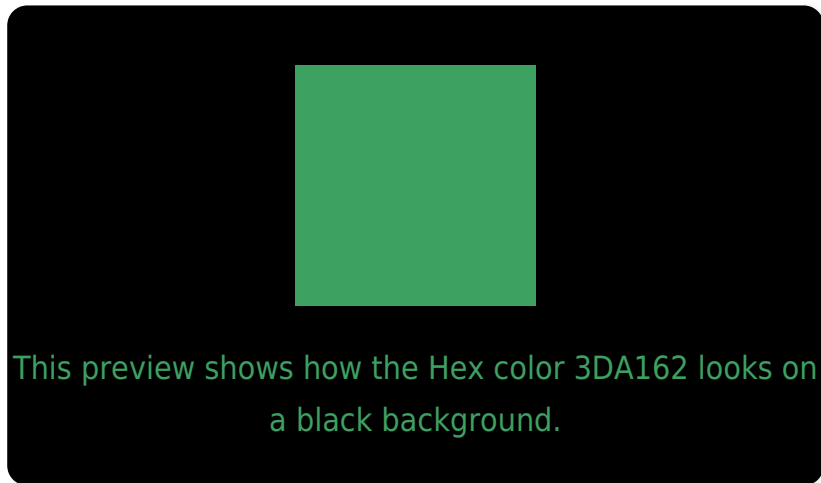
Large Text (above 18pt) WCAG AA ✓ Pass

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

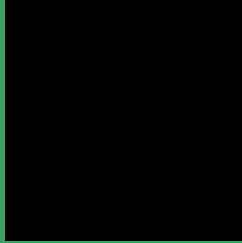
Any Text WCAG AA ✓ Pass

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 3DA162 Background



This preview shows how black text looks on a background with the Hex color 3DA162.



This preview shows how white text looks on a background with the Hex color 3DA162.

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](#).

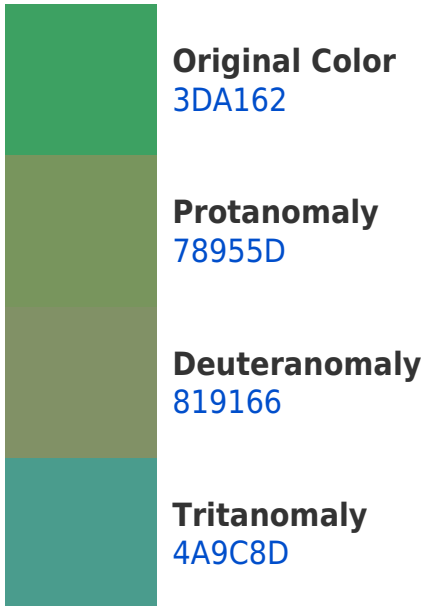
Dichromacy



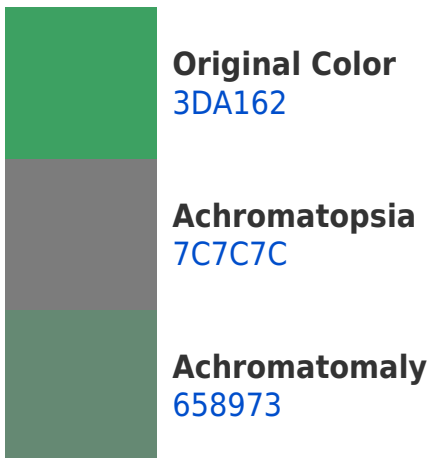


Tritanopia
5299A5

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 3DA162 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 #3DA162 looks like.

```
.text, #text, p{  
    color:#3DA162  
}
```

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 #3DA162 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3DA162
}
```

Border

The CSS property to change the border of an element to Hex 3DA162 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
#3DA162 }
```

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

```
.border{ border-color:#3DA162 }
```

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

Here you see how a box with a 4 pixel #3DA162 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3DA162; -webkit-box-shadow:4px 4px  
4px 4px #3DA162; box-shadow:4px 4px 4px  
4px #3DA162 }
```

Background

The CSS property to change the background color of an element to Hex 3DA162 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3DA162 }
```

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

```
.background{ background-color:#3DA162 }
```

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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