

Converting Colors

Hex(3DA152)

Have a look what the booklet for
Hex(3DA152) contains.

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Color

Hex(3DA152)

Conversions

Conversions Part 1

Format	Color
Hex	3DA152
RGB	61, 161, 82
RGB Percent	24%, 63%, 32%
CMY	0.7608, 0.3686, 0.6784
CMYK	0.62, 0.00, 0.49, 0.37
HSL	133°, 45%, 44%
HSV	133°, 62%, 63%
XYZ	16.1923, 27.0910, 12.3583
YIQ	122.0940, -34.2410, -45.7690

Conversions

Conversions Part 2

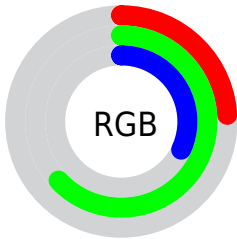
Format	Color
R_{YB}	61, 144, 161
Decimal	4038994
CIE _{Lab}	59.06, -46.35, 32.58
CIE _{LCh}	59, 56.652, 144.898
Yxy	27.0910, 0.2910, 0.4869
Android (android.graphics.Color)	4282229074 (0xFF3DA152)
YUV	122.0940, -19.7663, -53.5794
Hunter-Lab	52.0490, -35.5549, 22.3568

Details

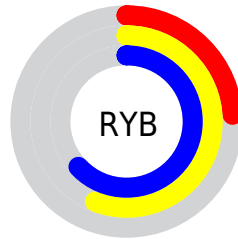
The Hex color **3DA152** is a dark color, and the websafe version is hex **339933**. A complement of this color would be **A13D8C**, and the grayscale version is **7A7A7A**.

A 20% lighter version of the original color is **76D985**, and **006C22** is the 20% darker color. If you saturate the color by 10%, you get **2DA145**, and if you desaturate by 10%, it is **4DA15F**.

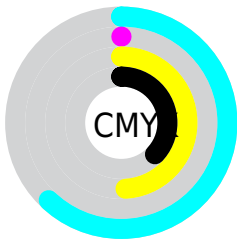
Distribution



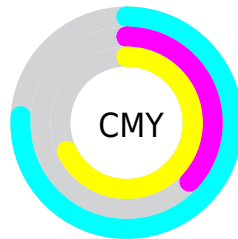
- Red (24%)
- Green (63%)
- Blue (32%)



- Red (24%)
- Yellow (56%)
- Blue (63%)



- Cyan (62%)
- Magenta (0%)
- Yellow (49%)
- Black (37%)



- Cyan (76%)
- Magenta (37%)
- Yellow (68%)

Brightness & Saturation Gradients

These gradients show how the Hex color 3DA152 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 3DA152 by changing the saturation by 10% instead.

 3DA152

 3DA152

FFFFFF

 1A863A

 76D985

 006C22

 93F59F

 005309

 AFFFBB

 003B00

 CCFFD7

 002500

 EAFFF3

 000000

 3DA152

 3DA152

 2DA145

 4DA15F

 1DA139

 5DA16B

 0DA12C

 6DA178

 00A122

 7DA185

 8EA192

 9EA19E

 AEA1AB

 BEA1B8

 CEA1C4

Harmonies

Analogous

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



80982B



3DA152



00A584

Triad

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



3DA152



0096F1



E76467

Complementary

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



3DA152



A13D8C

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.



E36099



3DA152



8085E9

Square

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



3DA152



00A1DF



C26FC8



D4753D

Rectangle

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



3DA152



00A6A6



C26FC8



E96077

Sweetspot

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



3DA152



A9D1B2



8DA13D



516956



E8E8E8



696969

Same Dimension

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



3DA152



34D155



3DA183



49524B



00911F



001204

Inverse Universe

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



A13D8C



D134B0



A13D5B



524950



910073



12000E

Previews

White Background



This preview shows how the Hex color 3DA152 looks on a white background.

Color Contrast Check

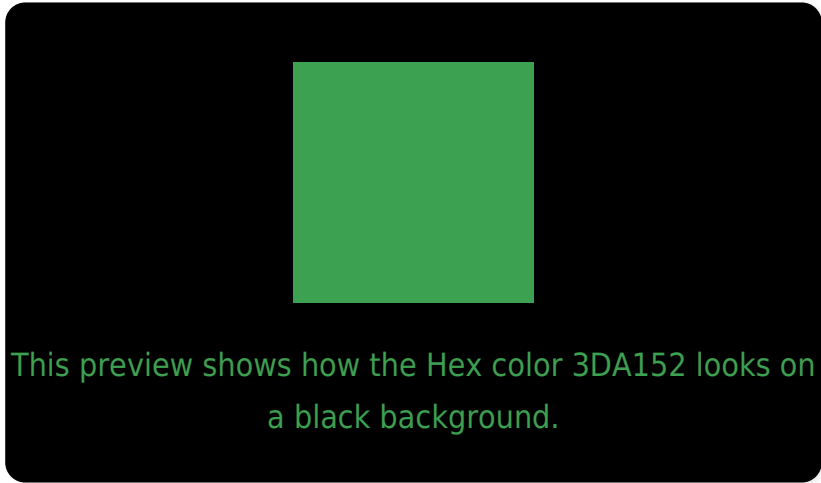
Large Text (above 18pt) WCAG AA ✓ Pass

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

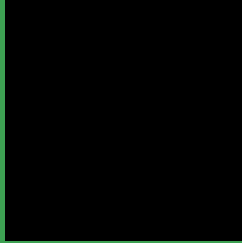
Any Text WCAG AA ✓ Pass

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 3DA152 Background



This preview shows how black text looks on a background with the Hex color 3DA152.

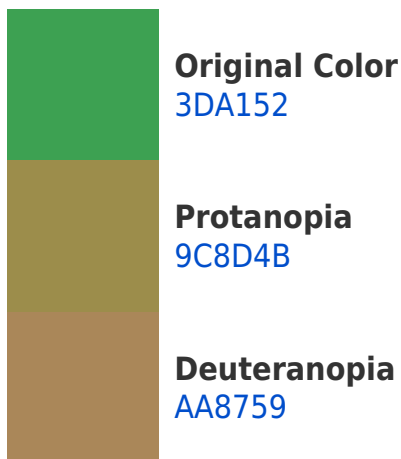


This preview shows how white text looks on a background with the Hex color 3DA152.

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](#).

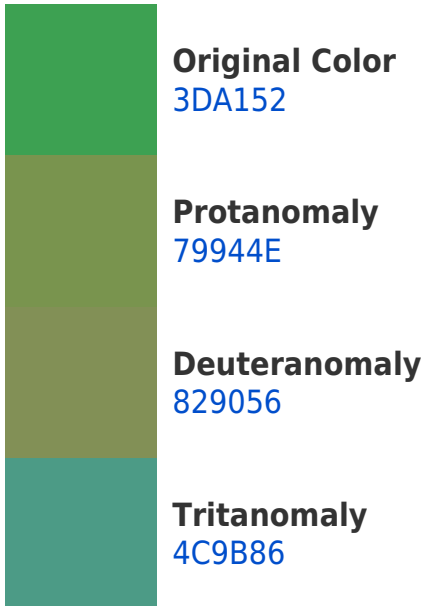
Dichromacy



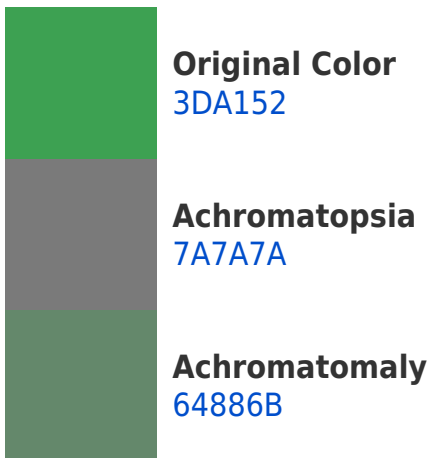


Tritanopia
5498A4

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 3DA152 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 #3DA152 looks like.

```
.text, #text, p{  
    color:#3DA152  
}
```

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 #3DA152 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3DA152
}
```

Border

The CSS property to change the border of an element to Hex 3DA152 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
#3DA152 }
```

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

```
.border{ border-color:#3DA152 }
```

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

Here you see how a box with a 4 pixel #3DA152 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3DA152; -webkit-box-shadow:4px 4px  
4px 4px #3DA152; box-shadow:4px 4px 4px  
4px #3DA152 }
```

Background

The CSS property to change the background color of an element to Hex 3DA152 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3DA152 }
```

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

```
.background{ background-color:#3DA152 }
```

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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