

Converting Colors

Hex(00A152)

Have a look what the booklet for
Hex(00A152) contains.

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Color

Hex(00A152)

Conversions

Conversions Part 1

Format	Color
Hex	00A152
RGB	0, 161, 82
RGB Percent	0%, 63%, 32%
CMY	1.0000, 0.3686, 0.6784
CMYK	1.00, 0.00, 0.49, 0.37
HSL	151°, 100%, 32%
HSV	151°, 100%, 63%
XYZ	14.2679, 26.0989, 12.2682
YIQ	103.8550, -70.5970, -58.7010

Conversions

Conversions Part 2

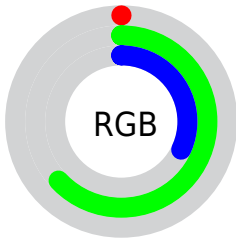
Format	Color
RYB	0, 107, 161
Decimal	41298
CIELab	58.13, -53.80, 31.21
CIELCh	58, 62.197, 149.878
Yxy	26.0989, 0.2711, 0.4958
Android (android.graphics.Color)	4278231378 (0xFF00A152)
YUV	103.8550, -10.7745, -91.0808
Hunter-Lab	51.0871, -39.5501, 21.5229

Details

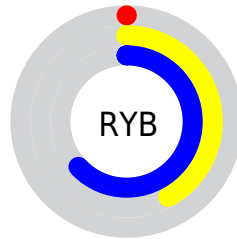
The Hex color **00A152** is a dark color, and the websafe version is hex **009933**. A complement of this color would be **A1004F**, and the grayscale version is **686868**.

A 20% lighter version of the original color is **59D985**, and **006C22** is the 20% darker color. If you saturate the color by 10%, you get **00A152**, and if you desaturate by 10%, it is **10A15A**.

Distribution



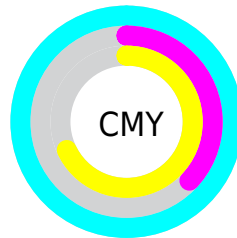
- Red (0%)
- Green (63%)
- Blue (32%)



- Red (0%)
- Yellow (42%)
- Blue (63%)



- Cyan (100%)
- Magenta (0%)
- Yellow (49%)
- Black (37%)



- Cyan (100%)
- Magenta (37%)
- Yellow (68%)

Brightness & Saturation Gradients

These gradients show how the Hex color 00A152 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 00A152 by changing the saturation by 10% instead.

 00A152

 00A152

FFFFFF

 00863A

 59D985

 006C22

 77F69F

 005209

 95FFBB

 003A00

 B3FFD7

 002300

 D0FFF3

 000000

 EEEFFF

 00A152

 10A15A

 20A162

 30A16A


 40A172

 51A179

 61A181

 71A189

 81A191

 91A199

Harmonies

Analogous

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



709821



00A152



00A58A

Triad

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



00A152



0092F9



EA5E59

Complementary

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



00A152



A1004F

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.



EB558E



00A152



8A7DEB

Square

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



00A152



009FE9



CD65C3



D1742A

Rectangle

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



00A152



00A5AF



CD65C3



ED586A

Sweetspot

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



00A152



92D1B2



51A100



436956



E8E8E8



696969

Same Dimension

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



00A152



00D16A



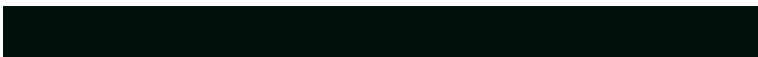
00A1A1



49524E



00914A



001209

Inverse Universe

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



A1004F



D10067



A10000



52494D



910047



120009

Previews

White Background



This preview shows how the Hex color 00A152 looks on a white background.

Color Contrast Check

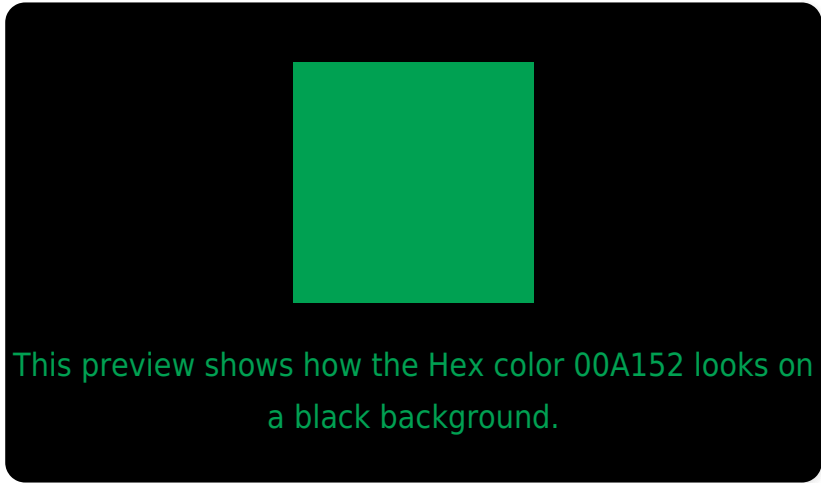
Large Text (above 18pt) WCAG AA ✓ Pass

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 00A152 Background



This preview shows how black text looks on a background with the Hex color 00A152.



This preview shows how white text looks on a background with the Hex color 00A152.

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](#).

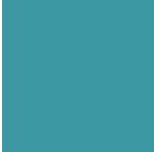
Dichromacy



Original Color
00A152

Protanopia
998B4A

Deuteranopia
A78559



Tritanopia
3D98A4

Trichromacy



Original Color
00A152



Protanomaly
61934D



Deuteranomaly
6A8F56



Tritanomaly
279B86

Monochromacy



Original Color
00A152



Achromatopsia
686868



Achromatomaly
427D60

CSS Examples

Text

The CSS property to change the color of the text to Hex 00A152 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 #00A152 looks like.

```
.text, #text, p{  
    color:#00A152  
}
```

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 #00A152 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #00A152
}
```

Border

The CSS property to change the border of an element to Hex 00A152 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
#00A152 }
```

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

```
.border{ border-color:#00A152 }
```

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

Here you see how a box with a 4 pixel #00A152 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #00A152; -webkit-box-shadow:4px 4px  
4px 4px #00A152; box-shadow:4px 4px 4px  
4px #00A152 }
```

Background

The CSS property to change the background color of an element to Hex 00A152 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#00A152 }
```

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

```
.background{ background-color:#00A152 }
```

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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