

Converting Colors

Hex(00A527)

Have a look what the booklet for
Hex(00A527) contains.

Hex(00A527)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(00A527)

Conversions

Conversions Part 1

Format	Color
Hex	00A527
RGB	0, 165, 39
RGB Percent	0%, 65%, 15%
CMY	1.0000, 0.3529, 0.8471
CMYK	1.00, 0.00, 0.76, 0.35
HSL	134°, 100%, 32%
HSV	134°, 100%, 65%
XYZ	13.8213, 27.0568, 6.4135
YIQ	101.3010, -57.8940, -74.1660

Conversions

Conversions Part 2

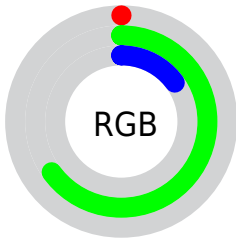
Format	Color
RYB	0, 133, 165
Decimal	42279
CIELab	59.03, -60.46, 51.54
CIELCh	59, 79.447, 139.554
Yxy	27.0568, 0.2923, 0.5721
Android (android.graphics.Color)	4278232359 (0xFF00A527)
YUV	101.3010, -30.7144, -88.8410
Hunter-Lab	52.0161, -43.5985, 29.1009

Details

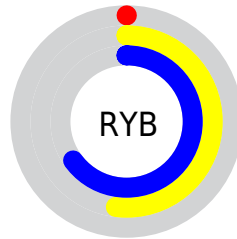
The Hex color **00A527** is a dark color, and the websafe version is hex **009900**. A complement of this color would be **A5007E**, and the grayscale version is **666666**.

A 20% lighter version of the original color is **5CDD5D**, and **006F00** is the 20% darker color. If you saturate the color by 10%, you get **00A527**, and if you desaturate by 10%, it is **10A534**.

Distribution



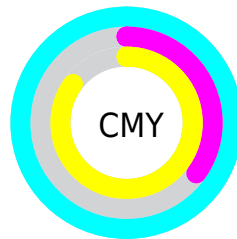
- Red (0%)
- Green (65%)
- Blue (15%)



- Red (0%)
- Yellow (52%)
- Blue (65%)



- Cyan (100%)
- Magenta (0%)
- Yellow (76%)
- Black (35%)



- Cyan (100%)
- Magenta (35%)
- Yellow (85%)

Brightness & Saturation Gradients

These gradients show how the Hex color 00A527 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 00A527 by changing the saturation by 10% instead.


 00A527

 00A527

FFFFFF

 008A02

 5CDD5D

 006F00

 7BFA78

 005600

 99FF93

 003D00

 B7FFAE

 002500

 D5FFCB

 000000

 F4FFE7

 00A527

 10A534

 21A540

 32A54D

 42A559

 52A566

 63A573

 73A57F

 84A58C

 94A598

Harmonies

Analogous

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



809800



00A527



00AB72

Triad

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



00A527



009EFF



FF3E64

Complementary

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



00A527



A5007E

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.



FC3DAA



00A527



4786FF

Square

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



00A527



00A9F8



C863EA



EF6220

Rectangle

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



00A527



00ADA3



C863EA



FF377B

Sweetspot

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



00A527



96D6A5



7EA500



456B4E



EBEBEB



6B6B6B

Same Dimension

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



00A527



00D633



00A579



49524B



009122



001204

Inverse Universe

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



A5007E



D600A4



A5002C



524950



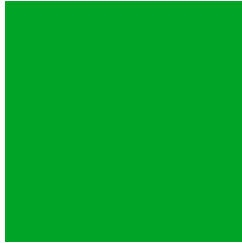
91006F



12000E

Previews

White Background



This preview shows how the Hex color 00A527 looks on a white background.

Color Contrast Check

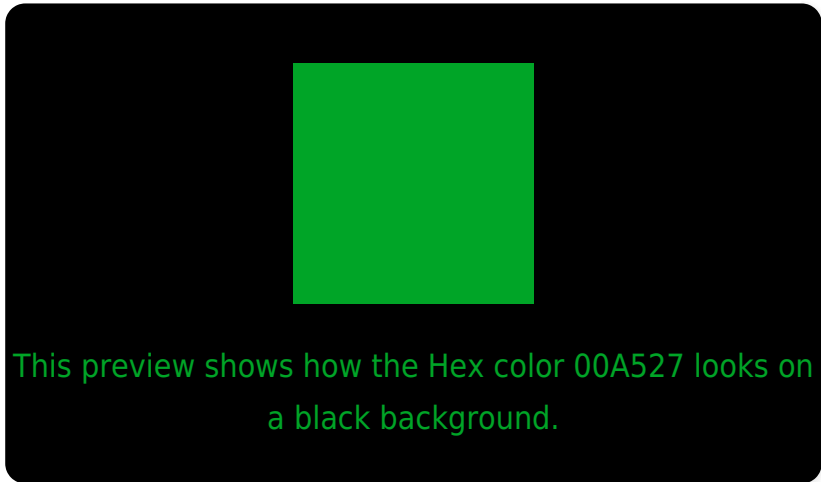
Large Text (above 18pt) WCAG AA ✓ Pass

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 00A527 Background



This preview shows how black text looks on a background with the Hex color 00A527.



This preview shows how white text looks on a background with the Hex color 00A527.

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
449AA6

Trichromacy



Original Color
00A527



Protanomaly
659623



Deuteranomaly
70912F



Tritanomaly
2B9E78

Monochromacy



Original Color
00A527



Achromatopsia
656565



Achromatomaly
407C4E

CSS Examples

Text

The CSS property to change the color of the text to Hex 00A527 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 #00A527 looks like.

```
.text, #text, p{  
    color:#00A527  
}
```

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 #00A527 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #00A527
}
```

Border

The CSS property to change the border of an element to Hex 00A527 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".

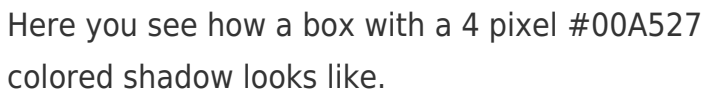
```
.border, #border, table{ border:4px solid
#00A527 }
```

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

```
.border{ border-color:#00A527 }
```

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

Here you see how a box with a 4 pixel #00A527 colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #00A527; -webkit-box-shadow:4px 4px  
4px 4px #00A527; box-shadow:4px 4px 4px  
4px #00A527 }
```

Background

The CSS property to change the background color of an element to Hex 00A527 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#00A527 }
```

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

```
.background{ background-color:#00A527 }
```

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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