

Converting Colors

Hex(3DA125)

Have a look what the booklet for
Hex(3DA125) contains.

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Color

Hex(3DA125)

Conversions

Conversions Part 1

Format	Color
Hex	3DA125
RGB	61, 161, 37
RGB Percent	24%, 63%, 15%
CMY	0.7608, 0.3686, 0.8549
CMYK	0.62, 0.00, 0.77, 0.37
HSL	108°, 63%, 39%
HSV	108°, 77%, 63%
XYZ	15.0033, 26.6154, 6.0968
YIQ	116.9640, -19.7960, -59.7640

Conversions

Conversions Part 2

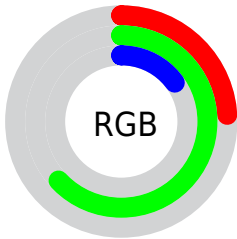
Format	Color
RYB	37, 161, 137
Decimal	4038949
CIELab	58.62, -51.40, 52.13
CIELCh	59, 73.214, 134.595
Yxy	26.6154, 0.3144, 0.5578
Android (android.graphics.Color)	4282229029 (0xFF3DA125)
YUV	116.9640, -39.4223, -49.0804
Hunter-Lab	51.5901, -38.3719, 29.1063

Details

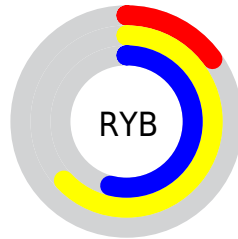
The Hex color **3DA125** is a dark color, and the websafe version is hex **339900**. A complement of this color would be **8925A1**, and the grayscale version is **757575**.

A 20% lighter version of the original color is **78D95B**, and **006C00** is the 20% darker color. If you saturate the color by 10%, you get **30A115**, and if you desaturate by 10%, it is **4AA135**.

Distribution



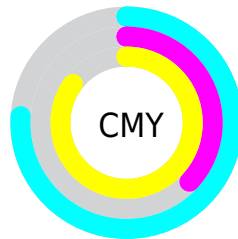
- Red (24%)
- Green (63%)
- Blue (15%)



- Red (15%)
- Yellow (63%)
- Blue (54%)



- Cyan (62%)
- Magenta (0%)
- Yellow (77%)
- Black (37%)



- Cyan (76%)
- Magenta (37%)
- Yellow (85%)

Brightness & Saturation Gradients

These gradients show how the Hex color 3DA125 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 3DA125 by changing the saturation by 10% instead.

 3DA125

 3DA125


FFFFFF

 178600

 78D95B

 006C00

 95F676

 005300

 B2FF91

 003B00

 CFFFAD

 002400

 EDFFC9

 000000

 FFFF E5

 3DA125

 3DA125

 30A115

 4AA135

■ 23A105

■ 57A145

■ 1FA100

■ 64A155

■ 71A165

■ 7EA176

■ 8BA186

■ 98A196

■ A5A1A6

■ B2A1B6

Harmonies

Analogous

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



8D9400



3DA125



00A868

Triad

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



3DA125



009EFF



FE4671

Complementary

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



3DA125



8925A1

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.



EE4CB1



3DA125



288AFF

Square

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



3DA125



00A7E6



B66CE9



ED6034

Rectangle

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



3DA125



00AA95



B66CE9



FD4486

Sweetspot

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



3DA125



AAD1A1



A18825



51694B



E8E8E8



696969

Same Dimension

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



3DA125



36D111



25A14A



4B5249



1C9100



031200

Inverse Universe

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



8925A1



AC11D1



A1257C



504952



750091



0E0012

Previews

White Background



This preview shows how the Hex color 3DA125 looks on a white background.

Color Contrast Check

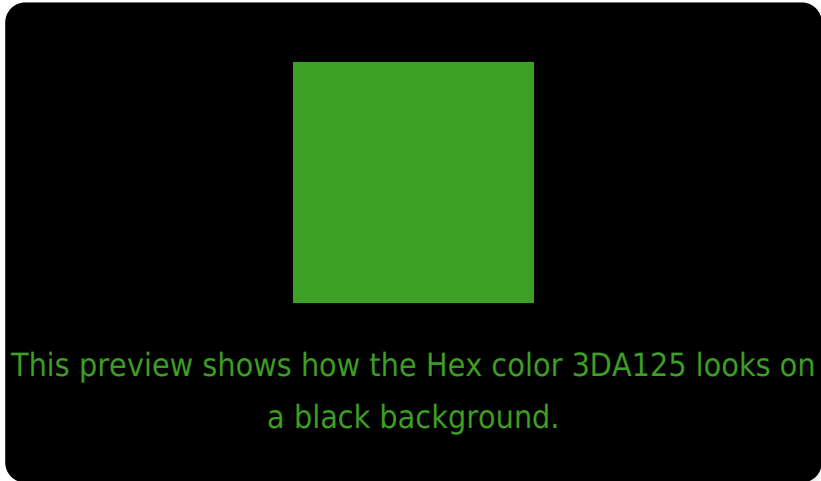
Large Text (above 18pt) WCAG AA ✓ Pass

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 3DA125 Background



This preview shows how black text looks on a background with the Hex color 3DA125.



This preview shows how white text looks on a background with the Hex color 3DA125.

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
3DA125

Protanopia
9D8C20

Deuteranopia
AF8531



Tritanopia
5896A2

Trichromacy



Original Color
3DA125



Protanomaly
7A9422



Deuteranomaly
868F2D



Tritanomaly
4E9A75

Monochromacy



Original Color
3DA125



Achromatopsia
757575



Achromatomaly
618558

CSS Examples

Text

The CSS property to change the color of the text to Hex 3DA125 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 #3DA125 looks like.

```
.text, #text, p{  
    color:#3DA125  
}
```

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 #3DA125 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3DA125
}
```

Border

The CSS property to change the border of an element to Hex 3DA125 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
#3DA125 }
```

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

```
.border{ border-color:#3DA125 }
```

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

Here you see how a box with a 4 pixel #3DA125 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3DA125; -webkit-box-shadow:4px 4px  
4px 4px #3DA125; box-shadow:4px 4px 4px  
4px #3DA125 }
```

Background

The CSS property to change the background color of an element to Hex 3DA125 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3DA125 }
```

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

```
.background{ background-color:#3DA125 }
```

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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