

Converting Colors

Hex(3DB75A)

Have a look what the booklet for
Hex(3DB75A) contains.

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Color

Hex(3DB75A)

Conversions

Conversions Part 1

Format	Color
Hex	3DB75A
RGB	61, 183, 90
RGB Percent	24%, 72%, 35%
CMY	0.7608, 0.2824, 0.6471
CMYK	0.67, 0.00, 0.51, 0.28
HSL	134°, 50%, 48%
HSV	134°, 67%, 72%
XYZ	20.7034, 35.5973, 15.4526
YIQ	135.9200, -42.8590, -54.7870

Conversions

Conversions Part 2

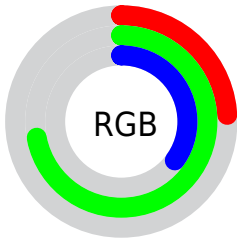
Format	Color
RYB	61, 160, 183
Decimal	4044634
CIELab	66.21, -53.52, 37.42
CIElCh	66, 65.302, 145.037
Yxy	35.5973, 0.2885, 0.4961
Android (android.graphics.Color)	4282234714 (0xFF3DB75A)
YUV	135.9200, -22.6386, -65.7048
Hunter-Lab	59.6634, -42.4709, 26.4085

Details

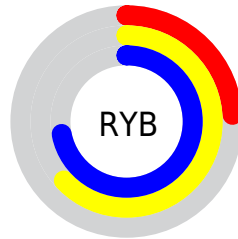
The Hex color **3DB75A** is a dark color, and the websafe version is hex **66CC66**. A complement of this color would be **B73D9A**, and the grayscale version is **888888**.

A 20% lighter version of the original color is **7AF08E**, and **008129** is the 20% darker color. If you saturate the color by 10%, you get **2BB74C**, and if you desaturate by 10%, it is **4FB768**.

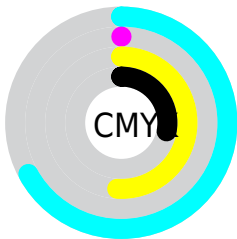
Distribution



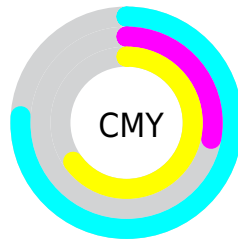
- Red (24%)
- Green (72%)
- Blue (35%)



- Red (24%)
- Yellow (63%)
- Blue (72%)



- Cyan (67%)
- Magenta (0%)
- Yellow (51%)
- Black (28%)



- Cyan (76%)
- Magenta (28%)
- Yellow (65%)

Brightness & Saturation Gradients

These gradients show how the Hex color 3DB75A 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 3DB75A by changing the saturation by 10% instead.



3DB75A



3DB75A

FFFFFF



129B41



7AF08E



008129



98FFA9



00670E



B5FFC4



004D00



D2FFE1



003600



F0FFFE



001E00



000000



3DB75A



3DB75A



2BB74C



4FB768

 18B73E

 62B776

 06B730

 74B784

 00B72B

 86B792

 99B7A0

 ABB7AE

 BDB7BC

 CFB7CA

 E2B7D8

Harmonies

Analogous

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



8FAC2A



3DB75A



00BC95

Triad

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



3DB75A



00ABFF



FF6E73

Complementary

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



3DB75A



B73D9A

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.



FF69AD



3DB75A



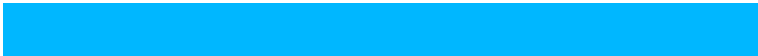
8F96FF

Square

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



3DB75A



00B7FF



DF7CE5



F28340

Rectangle

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



3DB75A



00BDBE



DF7CE5



FF6A86

Sweetspot

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



3DB75A



BEEDC9



9BB73D



5B7862



F7F7F7



787878

Same Dimension

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



3DB75A



2FED5D



3DB796



535C55



009C25



001C07

Inverse Universe

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



B73D9A



ED2FC0



B73D5E



5C535A



9C0077



1C0015

Previews

White Background



This preview shows how the Hex color 3DB75A looks on a white background.

Color Contrast Check

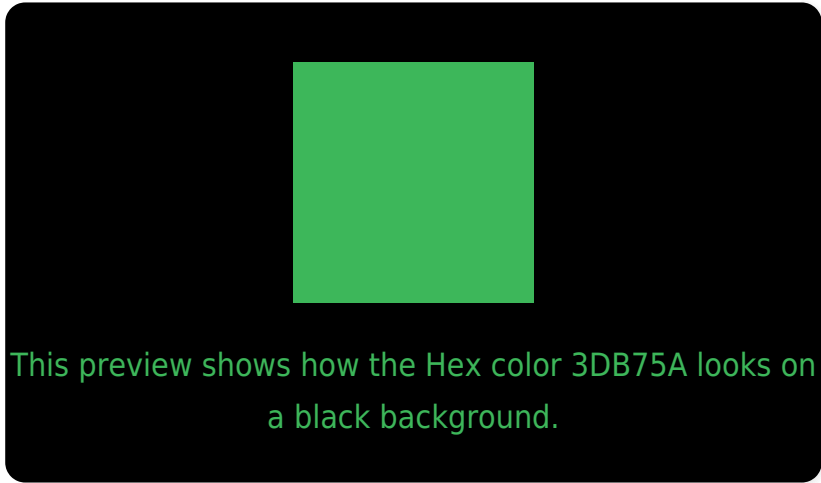
Large Text (above 18pt) WCAG AA × Fail

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 ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Hex 3DB75A Background



This preview shows how black text looks on a background with the Hex color 3DB75A.

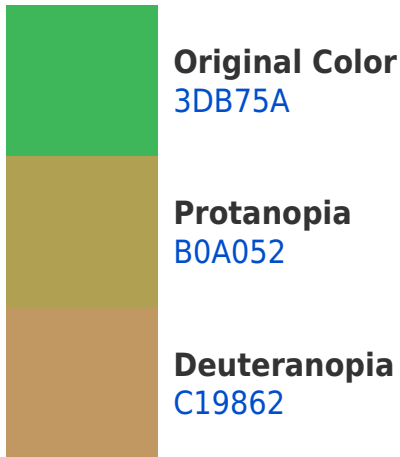


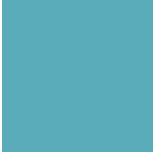
This preview shows how white text looks on a background with the Hex color 3DB75A.

Color Blindness Simulation

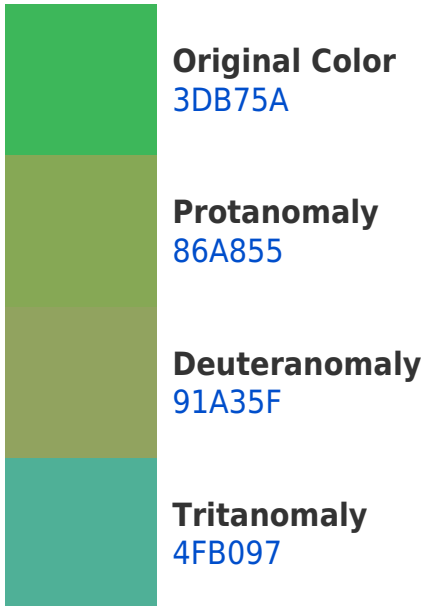
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy

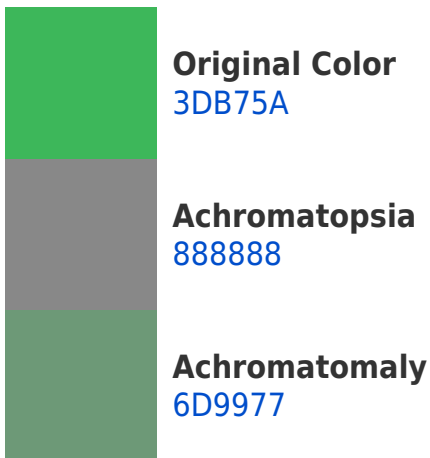




Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 3DB75A 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 #3DB75A looks like.

```
.text, #text, p{  
    color:#3DB75A  
}
```

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 #3DB75A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3DB75A
}
```

Border

The CSS property to change the border of an element to Hex 3DB75A 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
#3DB75A }
```

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

```
.border{ border-color:#3DB75A }
```

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

Here you see how a box with a 4 pixel #3DB75A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3DB75A; -webkit-box-shadow:4px 4px  
4px 4px #3DB75A; box-shadow:4px 4px 4px  
4px #3DB75A }
```

Background

The CSS property to change the background color of an element to Hex 3DB75A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3DB75A }
```

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

```
.background{ background-color:#3DB75A }
```

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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