

Converting Colors

Hex(3DA95C)

Have a look what the booklet for
Hex(3DA95C) contains.

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Color

Hex(3DA95C)

Conversions

Conversions Part 1

Format	Color
Hex	3DA95C
RGB	61, 169, 92
RGB Percent	24%, 66%, 36%
CMY	0.7608, 0.3373, 0.6392
CMYK	0.64, 0.00, 0.46, 0.34
HSL	137°, 47%, 45%
HSV	137°, 64%, 66%
XYZ	18.0442, 30.1407, 14.9919
YIQ	127.9300, -39.6510, -46.8430

Conversions

Conversions Part 2

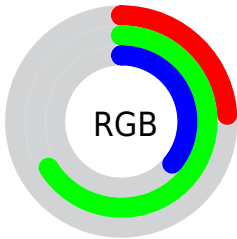
Format	Color
RYB	61, 145, 169
Decimal	4041052
CIELab	61.78, -47.87, 30.82
CIELCh	62, 56.936, 147.226
Yxy	30.1407, 0.2856, 0.4771
Android (android.graphics.Color)	4282231132 (0xFF3DA95C)
YUV	127.9300, -17.7135, -58.6976
Hunter-Lab	54.9006, -37.4083, 22.2398

Details

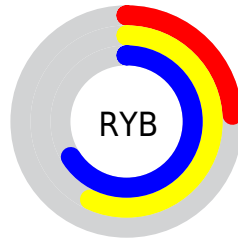
The Hex color **3DA95C** is a dark color, and the websafe version is hex **339933**. A complement of this color would be **A93D8A**, and the grayscale version is **808080**.

A 20% lighter version of the original color is **78E18F**, and **00742C** is the 20% darker color. If you saturate the color by 10%, you get **2CA950**, and if you desaturate by 10%, it is **4EA968**.

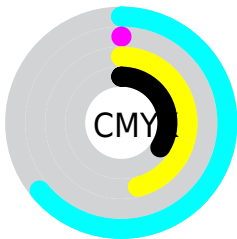
Distribution



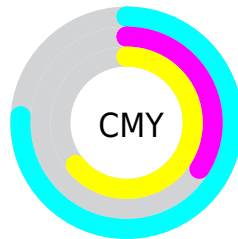
- Red (24%)
- Green (66%)
- Blue (36%)



- Red (24%)
- Yellow (57%)
- Blue (66%)



- Cyan (64%)
- Magenta (0%)
- Yellow (46%)
- Black (34%)



- Cyan (76%)
- Magenta (34%)
- Yellow (64%)

Brightness & Saturation Gradients

These gradients show how the Hex color 3DA95C 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 3DA95C by changing the saturation by 10% instead.

 3DA95C

 3DA95C

FFFFFF

 188E44

 78E18F

 00742C

 94FEAA

 005A14

 B1FFC6

 004200

 CEFFE2

 002C00

 ECFFFF

 000C00

 000000

 3DA95C

 3DA95C

 2CA950

 4EA968

■ 1BA944

■ 5FA974

■ 0AA938

■ 70A980

■ 00A931

■ 81A98C

■ 92A998

■ A2A9A4

■ B3A9B0

■ C4A9BC

■ D5A9C8

Harmonies

Analogous

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



83A034



3DA95C



00AD8F

Triad

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



3DA95C



009CFA



EF6C6A

Complementary

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



3DA95C



A93D8A

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.



ED679C



3DA95C



8E8AEF

Square

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



3DA95C



00A8E9



CE75CD



DA7E40

Rectangle

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



3DA95C



00AEB2



CE75CD



F2687A

Sweetspot

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



3DA95C



B2DBBE



8AA93D



546E5C



EDEDED



6E6E6E

Same Dimension

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



3DA95C



32DB63



3DA992



4C544E



00942A



001406

Inverse Universe

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



A93D8A



DB32AB



A93D54



544C52



940069



14000F

Previews

White Background



This preview shows how the Hex color 3DA95C looks on a white background.

Color Contrast Check

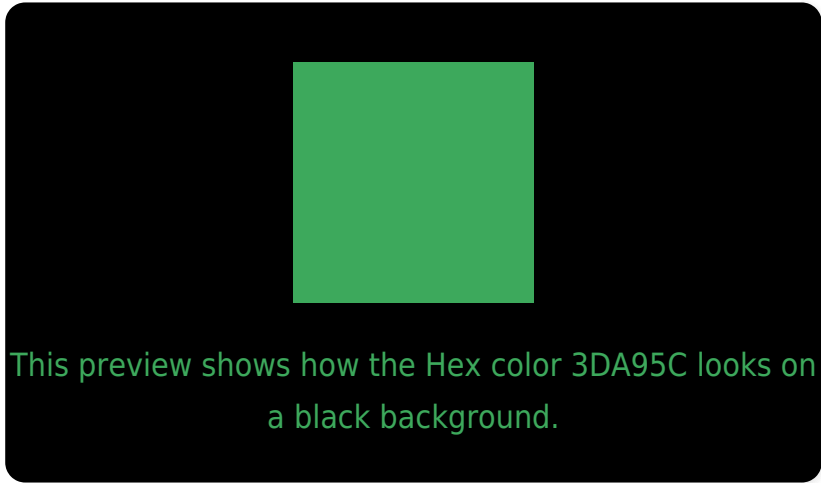
Large Text (above 18pt) WCAG AA × Fail

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

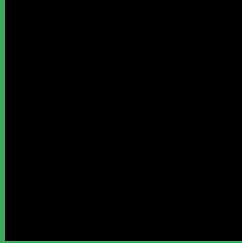
Any Text WCAG AA ✓ Pass

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 3DA95C Background



This preview shows how black text looks on a background with the Hex color 3DA95C.

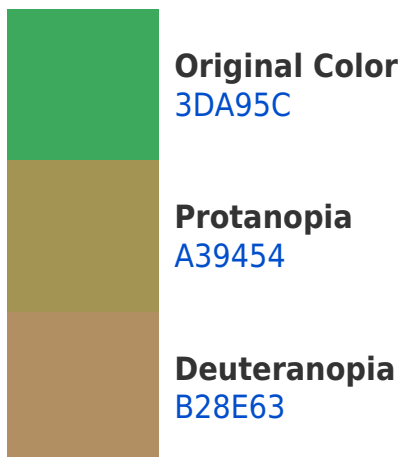


This preview shows how white text looks on a background with the Hex color 3DA95C.

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](#).

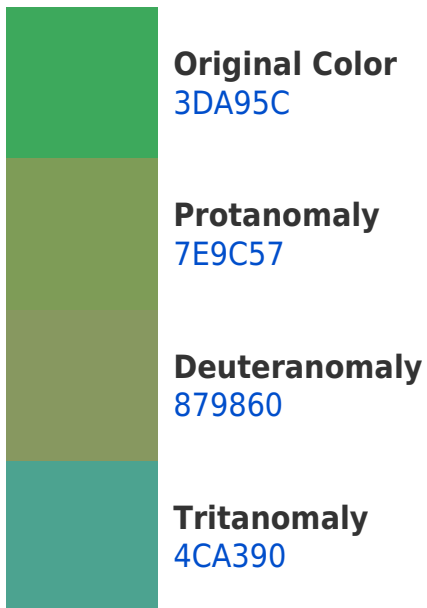
Dichromacy





Tritanopia
55A0AD

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 3DA95C 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 #3DA95C looks like.

```
.text, #text, p{  
    color:#3DA95C  
}
```

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 #3DA95C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3DA95C
}
```

Border

The CSS property to change the border of an element to Hex 3DA95C 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
#3DA95C }
```

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

```
.border{ border-color:#3DA95C }
```

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

Here you see how a box with a 4 pixel #3DA95C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3DA95C; -webkit-box-shadow:4px 4px  
4px 4px #3DA95C; box-shadow:4px 4px 4px  
4px #3DA95C }
```

Background

The CSS property to change the background color of an element to Hex 3DA95C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3DA95C }
```

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

```
.background{ background-color:#3DA95C }
```

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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