

Converting Colors

Hex(39B55D)

Have a look what the booklet for
Hex(39B55D) contains.

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Color

Hex(39B55D)

Conversions

Conversions Part 1

Format	Color
Hex	39B55D
RGB	57, 181, 93
RGB Percent	22%, 71%, 36%
CMY	0.7765, 0.2902, 0.6353
CMYK	0.69, 0.00, 0.49, 0.29
HSL	137°, 52%, 47%
HSV	137°, 69%, 71%
XYZ	20.1870, 34.7079, 15.9913
YIQ	133.8920, -45.6560, -53.6560

Conversions

Conversions Part 2

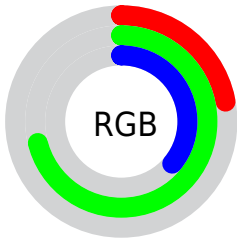
Format	Color
RYB	57, 153, 181
Decimal	3781981
CIELab	65.52, -53.06, 35.03
CIELCh	66, 63.584, 146.567
Yxy	34.7079, 0.2848, 0.4896
Android (android.graphics.Color)	4281972061 (0xFF39B55D)
YUV	133.8920, -20.1598, -67.4343
Hunter-Lab	58.9134, -41.9345, 25.1459

Details

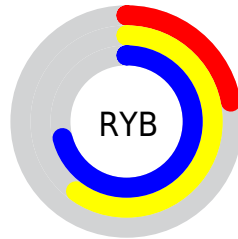
The Hex color **39B55D** is a dark color, and the websafe version is hex **66CC66**. A complement of this color would be **B53991**, and the grayscale version is **868686**.

A 20% lighter version of the original color is **77EE91**, and **007F2C** is the 20% darker color. If you saturate the color by 10%, you get **27B550**, and if you desaturate by 10%, it is **4BB56A**.

Distribution



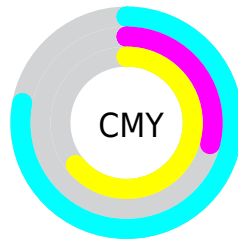
- Red (22%)
- Green (71%)
- Blue (36%)



- Red (22%)
- Yellow (60%)
- Blue (71%)



- Cyan (69%)
- Magenta (0%)
- Yellow (49%)
- Black (29%)



- Cyan (78%)
- Magenta (29%)
- Yellow (64%)

Brightness & Saturation Gradients

These gradients show how the Hex color 39B55D 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 39B55D by changing the saturation by 10% instead.

 39B55D

 39B55D

FFFFFF

 099A44

 77EE91

 007F2C

 94FFAC

 006513

 B2FFC7

 004C00

 CFFFE4

 003400

 EDFFFF

 001C00

 000000

 39B55D

 39B55D

 27B550

 4BB56A


 15B543

 5DB577

 03B536

 6FB584

 00B535

 81B590

 94B59D

 A6B5AA

 B8B5B7

 CAB5C4

 DCB5D1

Harmonies

Analogous

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



8BAB2E



39B55D



00BA96

Triad

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



39B55D



00A8FF



FF6F70

Complementary

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



39B55D



B53991

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.



FF69A8



39B55D



9493FF

Square

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



39B55D



00B4FE



DE7ADF



EC843F

Rectangle

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



39B55D



00BABE



DE7ADF



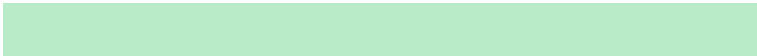
FF6A82

Sweetspot

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



39B55D



B9EBC8



92B539



587560



F5F5F5



757575

Same Dimension

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



39B55D



2AEB62



39B59A



505953



00992C



001A07

Inverse Universe

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



B53991



EB2AB3



B53954



595057



99006D



1A0012

Previews

White Background



This preview shows how the Hex color 39B55D looks on a white background.

Color Contrast Check

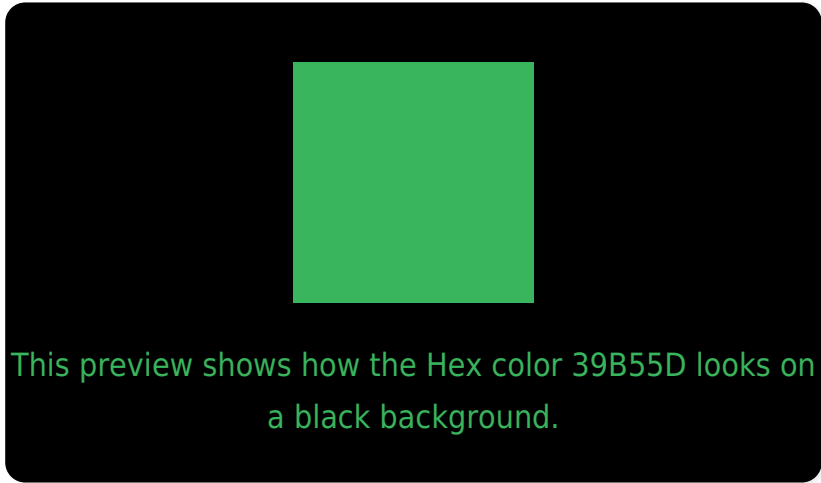
Large Text (above 18pt) WCAG AA × Fail

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

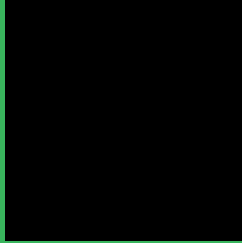
Any Text WCAG AA ✓ Pass

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 39B55D Background



This preview shows how black text looks on a background with the Hex color 39B55D.



This preview shows how white text looks on a background with the Hex color 39B55D.

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](#).

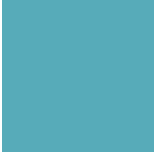
Dichromacy



Original Color
39B55D

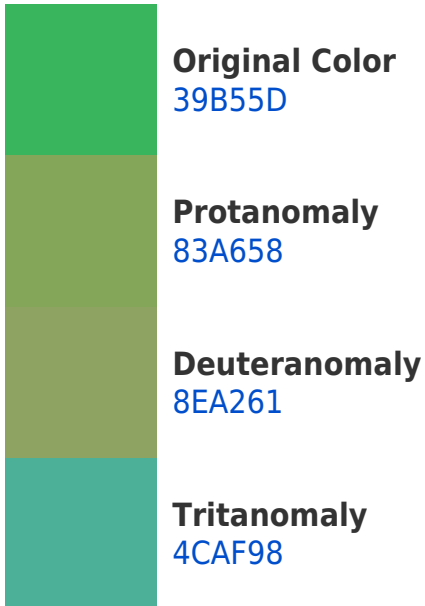
Protanopia
AE9E55

Deuteranopia
BE9764



Tritanopia
57ABB9

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 39B55D 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 #39B55D looks like.

```
.text, #text, p{  
    color:#39B55D  
}
```

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 #39B55D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #39B55D
}
```

Border

The CSS property to change the border of an element to Hex 39B55D 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
#39B55D }
```

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

```
.border{ border-color:#39B55D }
```

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

Here you see how a box with a 4 pixel #39B55D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #39B55D; -webkit-box-shadow:4px 4px  
4px 4px #39B55D; box-shadow:4px 4px 4px  
4px #39B55D }
```

Background

The CSS property to change the background color of an element to Hex 39B55D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#39B55D }
```

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

```
.background{ background-color:#39B55D }
```

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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