

Converting Colors

Hex(39C468)

Have a look what the booklet for
Hex(39C468) contains.

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Color

Hex(39C468)

Conversions

Conversions Part 1

Format	Color
Hex	39C468
RGB	57, 196, 104
RGB Percent	22%, 77%, 41%
CMY	0.7765, 0.2314, 0.5922
CMYK	0.71, 0.00, 0.47, 0.23
HSL	140°, 55%, 50%
HSV	140°, 71%, 77%
XYZ	23.9260, 41.3492, 19.8169
YIQ	143.9510, -53.3120, -58.0800

Conversions

Conversions Part 2

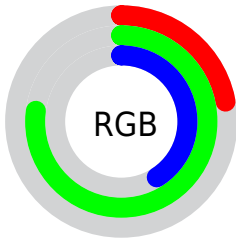
Format	Color
RYB	57, 161, 196
Decimal	3785832
CIELab	70.42, -56.80, 35.66
CIELCh	70, 67.061, 147.878
Yxy	41.3492, 0.2812, 0.4859
Android (android.graphics.Color)	4281975912 (0xFF39C468)
YUV	143.9510, -19.6958, -76.2560
Hunter-Lab	64.3033, -46.1146, 26.7405

Details

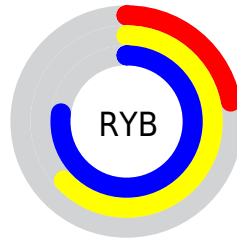
The Hex color **39C468** is a dark color, and the websafe version is hex **33CC66**. The color can be described as dark muted spring green. A complement of this color would be **C43995**, and the grayscale version is **909090**.

A 20% lighter version of the original color is **7AFE9C**, and **008D36** is the 20% darker color. If you saturate the color by 10%, you get **25C45B**, and if you desaturate by 10%, it is **4DC475**.

Distribution



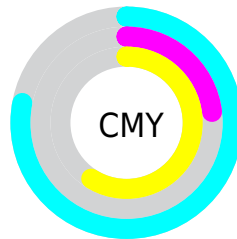
- Red (22%)
- Green (77%)
- Blue (41%)



- Red (22%)
- Yellow (63%)
- Blue (77%)



- Cyan (71%)
- Magenta (0%)
- Yellow (47%)
- Black (23%)



- Cyan (78%)
- Magenta (23%)
- Yellow (59%)

Brightness & Saturation Gradients

These gradients show how the Hex color 39C468 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 39C468 by changing the saturation by 10% instead.



39C468



39C468

FFFFFF



00A84F



7AFE9C



008D36



98FFB8



00721E



B5FFD4



005902



D3FFF0



004000



F2FFFF



002900



000300



000000



39C468



39C468

 25C45B

 4DC475

 12C44E

 60C482

 00C442

 74C48F

 87C49C

 9BC4A9

 AFC4B6

 C2C4C3

 D6C4D0

 E9C4DD

Harmonies

Analogous

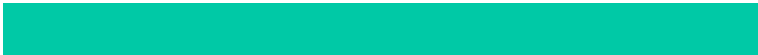
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



93B936



39C468



00C9A6

Triad

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



39C468



00B5FF



FF7977

Complementary

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



39C468



C43995

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.



FF72B3



39C468



A59EFF

Square

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



39C468



00C3FF



F283EE



FD9044

Rectangle

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



39C468



00C9D0



F283EE



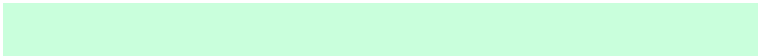
FF748A

Sweetspot

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



39C468



C9FFDC



96C439



60806A



000000



808080

Same Dimension

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



39C468



26FF70



39C4AD



57615A



00A136



00210B

Inverse Universe

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



C43995



FF26B6



C43950



61575E



A1006A



210016

Previews

White Background



This preview shows how the Hex color 39C468 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



This preview shows how the Hex color 39C468 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

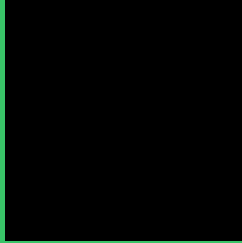
Any Text WCAG AA ✓ Pass

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 39C468 Background



This preview shows how black text looks on a background with the Hex color 39C468.

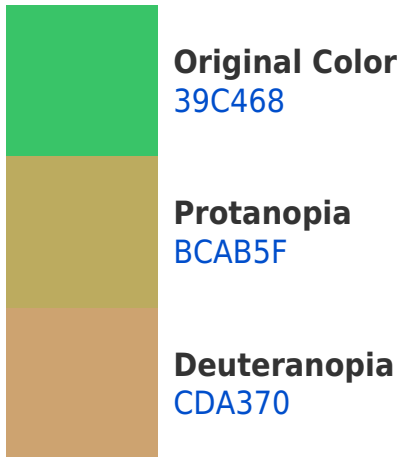


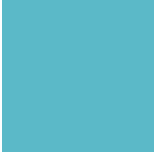
This preview shows how white text looks on a background with the Hex color 39C468.

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
5BB9C8

Trichromacy



Original Color
39C468



Protanomaly
8CB462



Deuteranomaly
97AF6D



Tritanomaly
4FBDA5

Monochromacy



Original Color
39C468



Achromatopsia
909090



Achromatomaly
70A381

CSS Examples

Text

The CSS property to change the color of the text to Hex 39C468 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 #39C468 looks like.

```
.text, #text, p{  
    color:#39C468  
}
```

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 #39C468 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #39C468
}
```

Border

The CSS property to change the border of an element to Hex 39C468 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
#39C468 }
```

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

```
.border{ border-color:#39C468 }
```

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

Here you see how a box with a 4 pixel #39C468 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #39C468; -webkit-box-shadow:4px 4px  
4px 4px #39C468; box-shadow:4px 4px 4px  
4px #39C468 }
```

Background

The CSS property to change the background color of an element to Hex 39C468 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#39C468 }
```

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

```
.background{ background-color:#39C468 }
```

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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