

Converting Colors

Hex(339620)

Have a look what the booklet for
Hex(339620) contains.

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Color

Hex(339620)

Conversions

Conversions Part 1

Format	Color
Hex	339620
RGB	51, 150, 32
RGB Percent	20%, 59%, 13%
CMY	0.8000, 0.4118, 0.8745
CMYK	0.66, 0.00, 0.79, 0.41
HSL	110°, 65%, 36%
HSV	110°, 79%, 59%
XYZ	12.5323, 22.6208, 5.0722
YIQ	106.9470, -21.1260, -57.6860

Conversions

Conversions Part 2

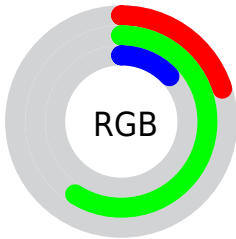
Format	Color
RYB	32, 150, 131
Decimal	3380768
CIELab	54.68, -50.17, 49.90
CIELCh	55, 70.756, 135.153
Yxy	22.6208, 0.3116, 0.5624
Android (android.graphics.Color)	4281570848 (0xFF339620)
YUV	106.9470, -36.9489, -49.0655
Hunter-Lab	47.5613, -36.1980, 26.9699

Details

The Hex color **339620** is a dark color, and the websafe version is hex **339933**. A complement of this color would be **832096**, and the grayscale version is **6B6B6B**.

A 20% lighter version of the original color is **6FCD56**, and **006200** is the 20% darker color. If you saturate the color by 10%, you get **269611**, and if you desaturate by 10%, it is **40962F**.

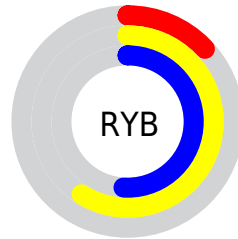
Distribution



Red (20%)

Green (59%)

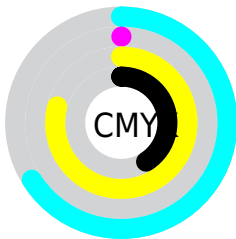
Blue (13%)



Red (13%)

Yellow (59%)

Blue (51%)

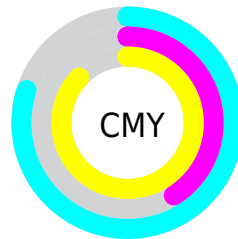


Cyan (66%)

Magenta (0%)

Yellow (79%)

Black (41%)



Cyan (80%)

Magenta (41%)

Yellow (87%)

Brightness & Saturation Gradients

These gradients show how the Hex color 339620 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 339620 by changing the saturation by 10% instead.

 339620

 339620

FFFFFF

 057C00

 6FCD56

 006200

 8BEA70

 004900

 A8FF8B

 003200

 C5FFA6

 001900

 E3FFC2

 000000

 FFFFDF

 FFFFFC

 339620

 339620

■ 269611

■ 40962F

■ 1A9602

■ 4C963E

■ 189600

■ 59964D

■ 65965C

■ 72966B

■ 7F967A

■ 8B9689

■ 989698

■ A496A7

Harmonies

Analogous

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



818A00



339620



009C61

Triad

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



339620



0093FA



EE3E67

Complementary

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



339620



832096

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.



E044A4



339620



2380FA

Square

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



339620



009CD9



AB63DA



DD582D

Rectangle

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



339620



009E8C



AB63DA



ED3B7B

Sweetspot

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



339620



9BC293



968220



496145



E0E0E0



616161

Same Dimension

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



339620



29C20C



209647



444A43



168A00



020A00

Inverse Universe

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



832096



A40CC2



96206F



49434A



74008A



09000A

Previews

White Background



This preview shows how the Hex color 339620 looks on a white background.

Color Contrast Check

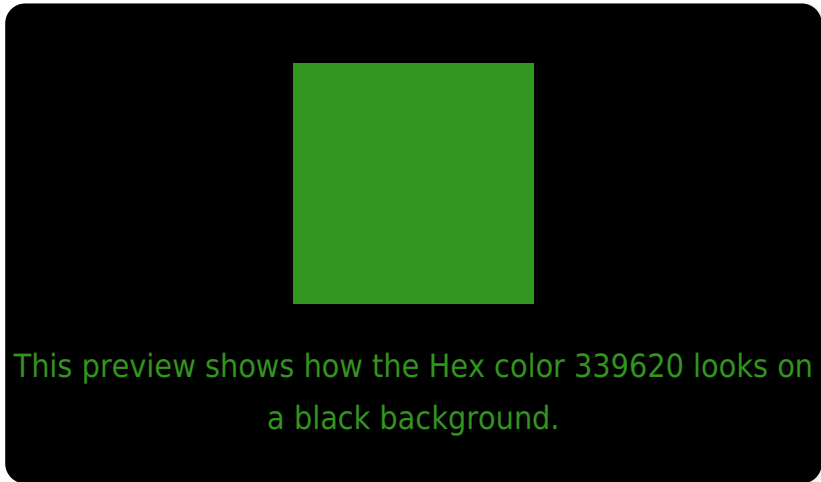
Large Text (above 18pt) WCAG AA ✓ Pass

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

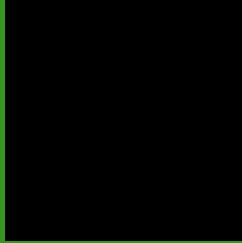
Any Text WCAG AA ✓ Pass

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 339620 Background



This preview shows how black text looks on a background with the Hex color 339620.

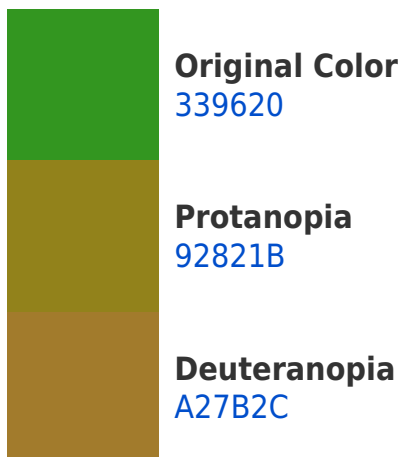


This preview shows how white text looks on a background with the Hex color 339620.

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](#).

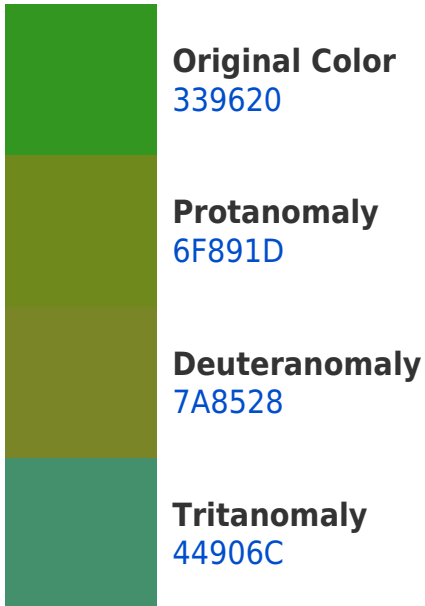
Dichromacy



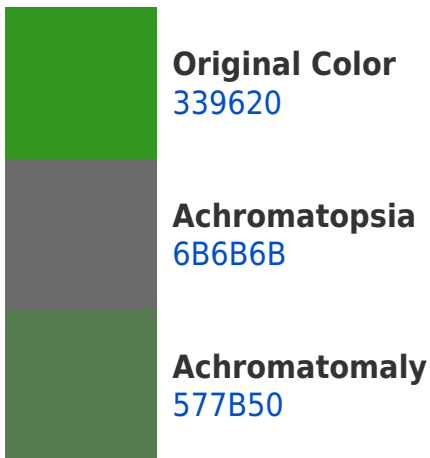


Tritanopia
4E8C97

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 339620 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 #339620 looks like.

```
.text, #text, p{  
    color:#339620  
}
```

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 #339620 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #339620
}
```

Border

The CSS property to change the border of an element to Hex 339620 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
#339620 }
```

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

```
.border{ border-color:#339620 }
```

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

Here you see how a box with a 4 pixel #339620 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #339620; -webkit-box-shadow:4px 4px  
4px 4px #339620; box-shadow:4px 4px 4px  
4px #339620 }
```

Background

The CSS property to change the background color of an element to Hex 339620 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#339620 }
```

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

```
.background{ background-color:#339620 }
```

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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