

Converting Colors

Hex(339124)

Have a look what the booklet for
Hex(339124) contains.

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Color

Hex(339124)

Conversions

Conversions Part 1

Format	Color
Hex	339124
RGB	51, 145, 36
RGB Percent	20%, 57%, 14%
CMY	0.8000, 0.4314, 0.8588
CMYK	0.65, 0.00, 0.75, 0.43
HSL	112°, 60%, 35%
HSV	112°, 75%, 57%
XYZ	11.8091, 21.0820, 5.1159
YIQ	104.4680, -21.0350, -53.8270

Conversions

Conversions Part 2

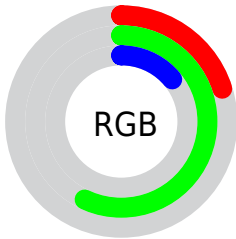
Format	Color
R_{YB}	36, 145, 130
Decimal	3379492
CIE _{Lab}	53.04, -48.09, 46.86
CIE _{LCh}	53, 67.146, 135.738
Yxy	21.0820, 0.3107, 0.5547
Android (android.graphics.Color)	4281569572 (0xFF339124)
YUV	104.4680, -33.7547, -46.8914
Hunter-Lab	45.9151, -34.4424, 25.5345

Details

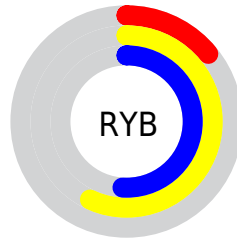
The Hex color **339124** is a dark color, and the websafe version is hex **339933**. A complement of this color would be **822491**, and the grayscale version is **696969**.

A 20% lighter version of the original color is **6EC858**, and **005D00** is the 20% darker color. If you saturate the color by 10%, you get **269116**, and if you desaturate by 10%, it is **409133**.

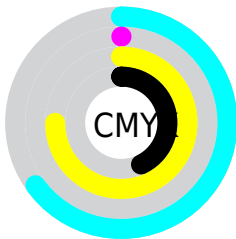
Distribution



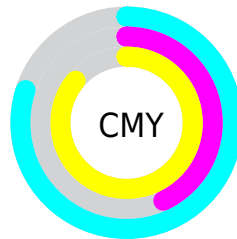
- Red (20%)
- Green (57%)
- Blue (14%)



- Red (14%)
- Yellow (57%)
- Blue (51%)



- Cyan (65%)
- Magenta (0%)
- Yellow (75%)
- Black (43%)



- Cyan (80%)
- Magenta (43%)
- Yellow (86%)

Brightness & Saturation Gradients

These gradients show how the Hex color 339124 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 339124 by changing the saturation by 10% instead.

 339124

 339124

FFFFFF

 097702

 6EC858

 005D00

 8AE472

 004500

 A6FF8D

 002E00

 C3FFA8

 001300

 E0FFC4

 000000

 FEFFE1

FFFFFFE

 339124

 339124

■ 269116

■ 409133

■ 1A9107

■ 4C9141

■ 149100

■ 599150

■ 65915E

■ 72916D

■ 7E917B

■ 8B918A

■ 979198

■ A491A6

Harmonies

Analogous

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



7C8500



339124



009760

Triad

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



339124



008DEF



E44063

Complementary

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



339124



822491

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.



D7449D



339124



327BEF

Square

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



339124



0096D1



A660D0



D4572C

Rectangle

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



339124



009889



A660D0



E43D76

Sweetspot

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



339124



97BD91



918124



485E44



DEDEDE



5E5E5E

Same Dimension

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



339124



2ABD13



24914A



414740



138700



010800

Inverse Universe

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



822491



A513BD



91246B



464047



750087



070008

Previews

White Background



This preview shows how the Hex color 339124 looks on a white background.

Color Contrast Check

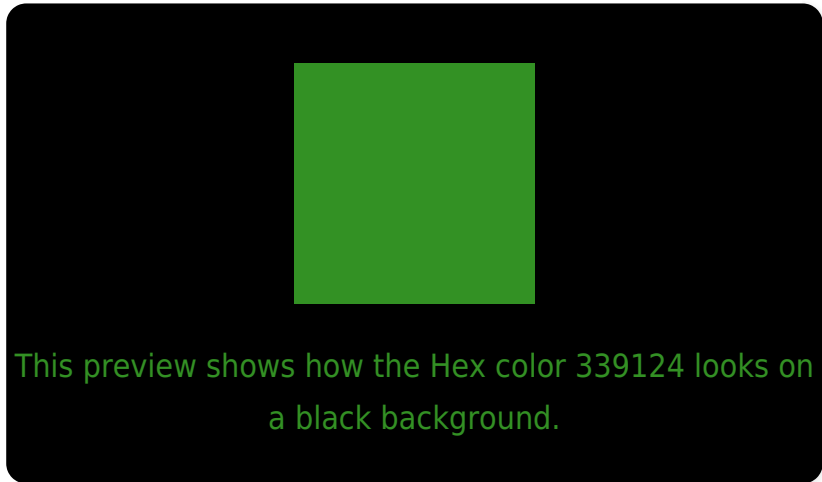
Large Text (above 18pt) WCAG AA ✓ Pass

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

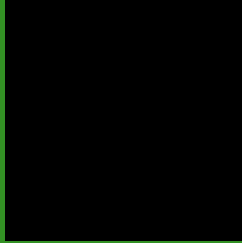
Any Text WCAG AA ✓ Pass

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 339124 Background



This preview shows how black text looks on a background with the Hex color 339124.



This preview shows how white text looks on a background with the Hex color 339124.

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
339124

Protanopia
8D7E1F

Deuteranopia
9D782E



Tritanopia
4C8792

Trichromacy



Original Color
339124

Protanomaly
6C8521

Deuteranomaly
76812A

Tritanomaly
438B6A

Monochromacy



Original Color
339124

Achromatopsia
686868

Achromatomaly
55774F

CSS Examples

Text

The CSS property to change the color of the text to Hex 339124 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 #339124 looks like.

```
.text, #text, p{  
    color:#339124  
}
```

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 #339124 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #339124
}
```

Border

The CSS property to change the border of an element to Hex 339124 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
#339124 }
```

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

```
.border{ border-color:#339124 }
```

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

Here you see how a box with a 4 pixel #339124 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #339124; -webkit-box-shadow:4px 4px  
4px 4px #339124; box-shadow:4px 4px 4px  
4px #339124 }
```

Background

The CSS property to change the background color of an element to Hex 339124 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#339124 }
```

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

```
.background{ background-color:#339124 }
```

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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