

Converting Colors

Hex(36A109)

Have a look what the booklet for
Hex(36A109) contains.

Hex(36A109)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(36A109)

Conversions

Conversions Part 1

Format	Color
Hex	36A109
RGB	54, 161, 9
RGB Percent	21%, 63%, 4%
CMY	0.7882, 0.3686, 0.9647
CMYK	0.66, 0.00, 0.94, 0.37
HSL	102°, 89%, 33%
HSV	102°, 94%, 63%
XYZ	14.3155, 26.2937, 4.5791
YIQ	111.6790, -14.9800, -69.9560

Conversions

Conversions Part 2

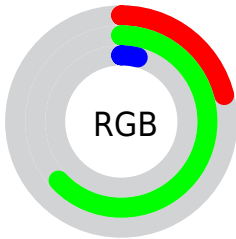
Format	Color
R_{YB}	9, 161, 116
Decimal	3580169
CIE _{Lab}	58.31, -54.30, 58.58
CIE _{LCh}	58, 79.871, 132.827
Yxy	26.2937, 0.3168, 0.5819
Android (android.graphics.Color)	4281770249 (0xFF36A109)
YUV	111.6790, -50.6207, -50.5845
Hunter-Lab	51.2774, -39.9023, 30.5995

Details

The Hex color **36A109** is a dark color, and the websafe version is hex **339900**. A complement of this color would be **7409A1**, and the grayscale version is **707070**.

A 20% lighter version of the original color is **74D94B**, and **006C00** is the 20% darker color. If you saturate the color by 10%, you get **30A100**, and if you desaturate by 10%, it is **41A119**.

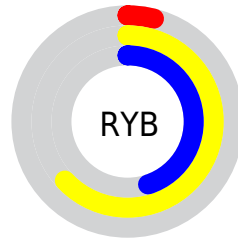
Distribution



Red (21%)

Green (63%)

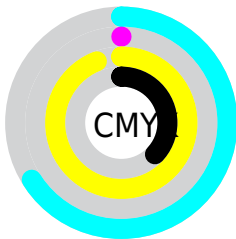
Blue (4%)



Red (4%)

Yellow (63%)

Blue (45%)

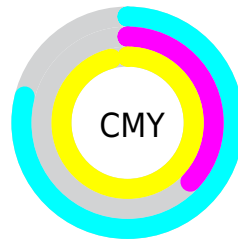


Cyan (66%)

Magenta (0%)

Yellow (94%)

Black (37%)



Cyan (79%)

Magenta (37%)

Yellow (96%)

Brightness & Saturation Gradients

These gradients show how the Hex color 36A109 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 36A109 by changing the saturation by 10% instead.

 36A109

 36A109

FFFFFF

 048600

 74D94B

 006C00

 91F667

 005300

 AEFF82

 003A00

 CCFF9E

 002400

 EAFFBA

 000000

 FFFFD6

 FFFFF4

 36A109

 36A109

■ 30A100

■ 41A119

■ 4DA129

■ 58A139

■ 63A149

■ 6FA15A

■ 7AA16A

■ 85A17A

■ 91A18A

■ 9CA19A

Harmonies

Analogous

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



8E9300



36A109



00A860

Triad

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



36A109



009FFF



FF3571

Complementary

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



36A109



7409A1

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.



F341B7



36A109



008BFF

Square

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



36A109



00A9EB



B369F4



F5572E

Rectangle

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



36A109



00AA91



B369F4



FF3289

Sweetspot

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



36A109



A8D197



A17309



506945



E8E8E8



696969

Same Dimension

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



36A109



3ED100



09A127



4C5249



2B9100



051200

Inverse Universe

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



7409A1



9300D1



A10983



4F4952



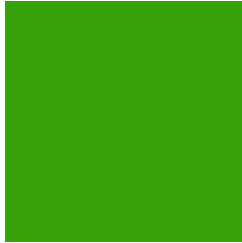
660091



0D0012

Previews

White Background



This preview shows how the Hex color 36A109 looks on a white background.

Color Contrast Check

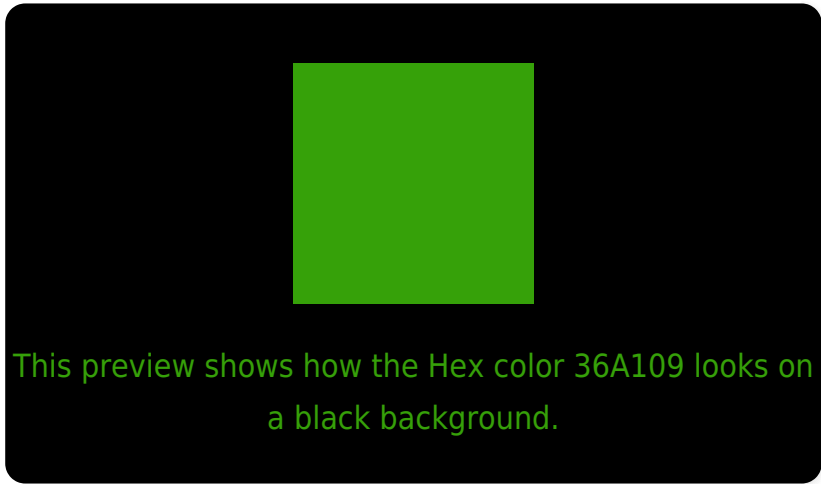
Large Text (above 18pt) WCAG AA ✓ Pass

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 36A109 Background



This preview shows how black text looks on a background with the Hex color 36A109.



This preview shows how white text looks on a background with the Hex color 36A109.

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
36A109

Protanopia
9D8C00

Deuteranopia
AF8423



Tritanopia
5496A2

Trichromacy



Original Color

36A109



Protanomaly

789403



Deuteranomaly

838F1A



Tritanomaly

499A6A

Monochromacy



Original Color

36A109



Achromatopsia

707070



Achromatomaly

5B824B

CSS Examples

Text

The CSS property to change the color of the text to Hex 36A109 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 #36A109 looks like.

```
.text, #text, p{  
    color:#36A109  
}
```

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 #36A109 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #36A109
}
```

Border

The CSS property to change the border of an element to Hex 36A109 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
#36A109 }
```

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

```
.border{ border-color:#36A109 }
```

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

Here you see how a box with a 4 pixel #36A109 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #36A109; -webkit-box-shadow:4px 4px  
4px 4px #36A109; box-shadow:4px 4px 4px  
4px #36A109 }
```

Background

The CSS property to change the background color of an element to Hex 36A109 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#36A109 }
```

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

```
.background{ background-color:#36A109 }
```

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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