

Converting Colors

Hex(34A428)

Have a look what the booklet for
Hex(34A428) contains.

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Color

Hex(34A428)

Conversions

Conversions Part 1

Format	Color
Hex	34A428
RGB	52, 164, 40
RGB Percent	20%, 64%, 16%
CMY	0.7961, 0.3569, 0.8431
CMYK	0.68, 0.00, 0.76, 0.36
HSL	114°, 61%, 40%
HSV	114°, 76%, 64%
XYZ	15.0746, 27.4342, 6.5083
YIQ	116.3760, -26.9480, -62.3080

Conversions

Conversions Part 2

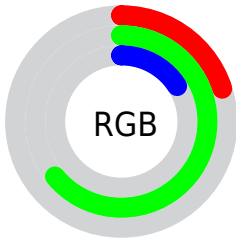
Format	Color
RYB	40, 164, 152
Decimal	3449896
CIELab	59.37, -54.24, 51.76
CIELCh	59, 74.971, 136.342
Yxy	27.4342, 0.3075, 0.5597
Android (android.graphics.Color)	4281639976 (0xFF34A428)
YUV	116.3760, -37.6534, -56.4578
Hunter-Lab	52.3777, -40.2874, 29.2972

Details

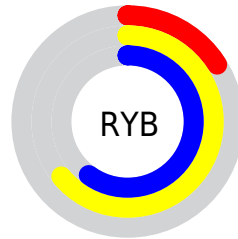
The Hex color **34A428** is a dark color, and the websafe version is hex **339900**. A complement of this color would be **9828A4**, and the grayscale version is **757575**.

A 20% lighter version of the original color is **72DC5E**, and **006F00** is the 20% darker color. If you saturate the color by 10%, you get **25A418**, and if you desaturate by 10%, it is **43A438**.

Distribution



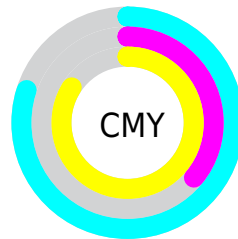
- Red (20%)
- Green (64%)
- Blue (16%)



- Red (16%)
- Yellow (64%)
- Blue (60%)



- Cyan (68%)
- Magenta (0%)
- Yellow (76%)
- Black (36%)



- Cyan (80%)
- Magenta (36%)
- Yellow (84%)

Brightness & Saturation Gradients

These gradients show how the Hex color 34A428 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 34A428 by changing the saturation by 10% instead.

 34A428

 34A428

FFFFFF

 008903

 72DC5E

 006F00

 8FF979

 005500

 ACFF94

 003D00

 CAFFAF

 002600

 E8FFCC

 000000

 FFFFEE

 34A428

 34A428

 25A418

 43A438

 16A407

 52A449

 10A400

 60A459

 6FA46A

 7EA47A

 8DA48A

 9CA49B

 ABA4AB

 B9A4BC

Harmonies

Analogous

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



8A9700



34A428



00AB6D

Triad

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



34A428



009FFF



FF466E

Complementary

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



34A428



9828A4

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.



F54AB0



34A428



398AFF

Square

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



34A428



00AAEE



BE6BEB



EF6230

Rectangle

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



34A428



00AC9C



BE6BEB



FF4384

Sweetspot

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



34A428



AAD6A5



A49828



506B4D



EBEBEB



6B6B6B

Same Dimension

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



34A428



26D613



28A45A



4A5249



0E9100



021200

Inverse Universe

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



9828A4



C313D6



A42872



514952



830091



100012

Previews

White Background



This preview shows how the Hex color 34A428 looks on a white background.

Color Contrast Check

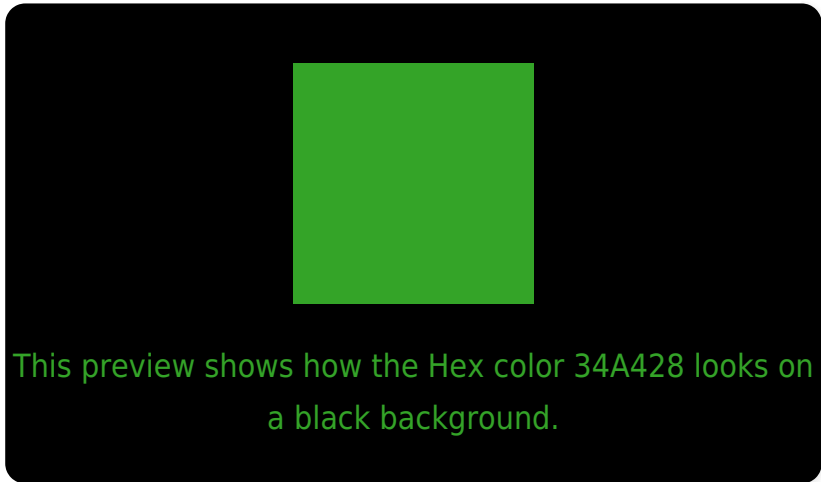
Large Text (above 18pt) WCAG AA ✓ Pass

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

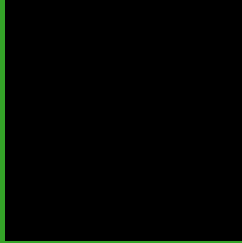
Any Text WCAG AA ✓ Pass

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 34A428 Background



This preview shows how black text looks on a background with the Hex color 34A428.



This preview shows how white text looks on a background with the Hex color 34A428.

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
34A428

Protanopia
9F8E22

Deuteranopia
B18734



Tritanopia
5399A5

Trichromacy



Original Color
34A428



Protanomaly
789624



Deuteranomaly
849230



Tritanomaly
489D78

Monochromacy



Original Color
34A428



Achromatopsia
747474



Achromatomaly
5D8558

CSS Examples

Text

The CSS property to change the color of the text to Hex 34A428 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 #34A428 looks like.

```
.text, #text, p{  
    color:#34A428  
}
```

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 #34A428 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #34A428
}
```

Border

The CSS property to change the border of an element to Hex 34A428 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
#34A428 }
```

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

```
.border{ border-color:#34A428 }
```

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

Here you see how a box with a 4 pixel #34A428 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #34A428; -webkit-box-shadow:4px 4px  
4px 4px #34A428; box-shadow:4px 4px 4px  
4px #34A428 }
```

Background

The CSS property to change the background color of an element to Hex 34A428 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#34A428 }
```

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

```
.background{ background-color:#34A428 }
```

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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