

Converting Colors

Hex(34A520)

Have a look what the booklet for
Hex(34A520) contains.

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Color

Hex(34A520)

Conversions

Conversions Part 1

Format	Color
Hex	34A520
RGB	52, 165, 32
RGB Percent	20%, 65%, 13%
CMY	0.7961, 0.3529, 0.8745
CMYK	0.68, 0.00, 0.81, 0.35
HSL	111°, 68%, 39%
HSV	111°, 81%, 65%
XYZ	15.1320, 27.7446, 5.9242
YIQ	116.0510, -24.6550, -65.3190

Conversions

Conversions Part 2

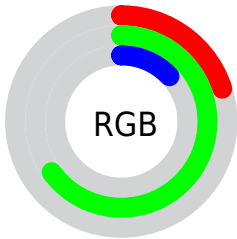
Format	Color
R_{YB}	32, 165, 145
Decimal	3450144
CIE _{Lab}	59.66, -55.12, 54.66
CIE _{LCh}	60, 77.624, 135.240
Yxy	27.7446, 0.3101, 0.5685
Android (android.graphics.Color)	4281640224 (0xFF34A520)
YUV	116.0510, -41.4371, -56.1727
Hunter-Lab	52.6732, -40.8983, 30.2028

Details

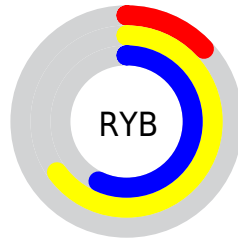
The Hex color **34A520** is a dark color, and the websafe version is hex **339900**. A complement of this color would be **9120A5**, and the grayscale version is **747474**.

A 20% lighter version of the original color is **73DD58**, and **007000** is the 20% darker color. If you saturate the color by 10%, you get **26A50F**, and if you desaturate by 10%, it is **42A531**.

Distribution



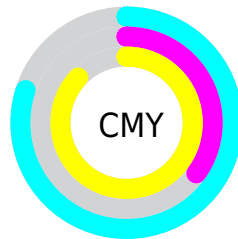
- Red (20%)
- Green (65%)
- Blue (13%)



- Red (13%)
- Yellow (65%)
- Blue (57%)



- Cyan (68%)
- Magenta (0%)
- Yellow (81%)
- Black (35%)



- Cyan (80%)
- Magenta (35%)
- Yellow (87%)

Brightness & Saturation Gradients

These gradients show how the Hex color 34A520 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 34A520 by changing the saturation by 10% instead.



34A520



34A520

FFFFFF



008A00



73DD58



007000



90FA73



005600



ADFF8E



003E00



CBFFAA



002700



E9FFC6



000000



FFFFE3



34A520



34A520



26A50F



42A531

 19A500

 50A541

 5EA551

 6CA562

 7AA572

 88A583

 96A593

 A4A5A4

 B2A5B4

Harmonies

Analogous

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



8D9700



34A520



00AC6A

Triad

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



34A520



00A1FF



FF4170

Complementary

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



34A520



9120A5

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.



F748B4



34A520



1B8CFF

Square

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



34A520



00ABF0



BD6BF1



F4602F

Rectangle

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



34A520



00AE9A



BD6BF1



FF3D87

Sweetspot

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



34A520



ABD6A3



A58F20



516B4C



EBEBEB



6B6B6B

Same Dimension

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



34A520



26D606



20A54C



4B5249



169100



031200

Inverse Universe

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



9120A5



B706D6



A52079



504952



7B0091



0F0012

Previews

White Background



This preview shows how the Hex color 34A520 looks on a white background.

Color Contrast Check

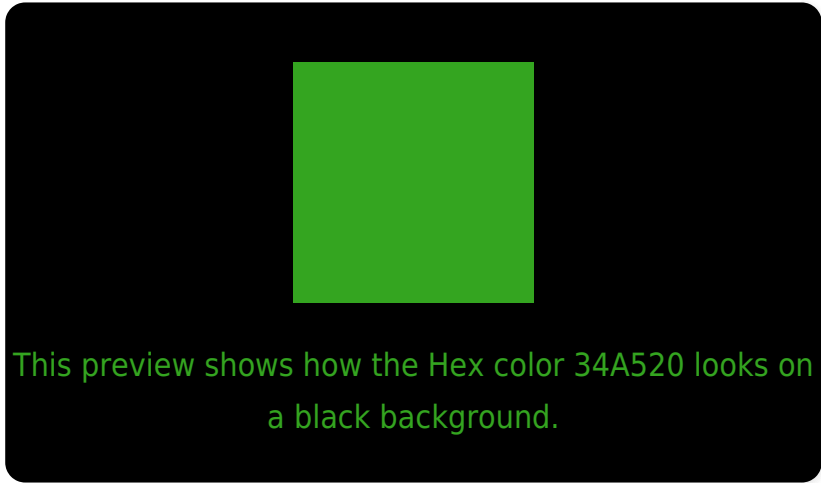
Large Text (above 18pt) WCAG AA ✓ Pass

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

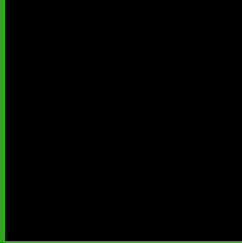
Any Text WCAG AA ✓ Pass

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 34A520 Background



This preview shows how black text looks on a background with the Hex color 34A520.



This preview shows how white text looks on a background with the Hex color 34A520.

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
34A520

Protanopia
A18F1A

Deuteranopia
B3872E



Tritanopia
549AA6

Trichromacy



Original Color

34A520



Protanomaly

79971C



Deuteranomaly

859229



Tritanomaly

489E75

Monochromacy



Original Color

34A520



Achromatopsia

747474



Achromatomaly

5D8655

CSS Examples

Text

The CSS property to change the color of the text to Hex 34A520 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 #34A520 looks like.

```
.text, #text, p{  
    color:#34A520  
}
```

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 #34A520 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #34A520
}
```

Border

The CSS property to change the border of an element to Hex 34A520 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
#34A520 }
```

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

```
.border{ border-color:#34A520 }
```

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

Here you see how a box with a 4 pixel #34A520 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #34A520; -webkit-box-shadow:4px 4px  
4px 4px #34A520; box-shadow:4px 4px 4px  
4px #34A520 }
```

Background

The CSS property to change the background color of an element to Hex 34A520 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#34A520 }
```

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

```
.background{ background-color:#34A520 }
```

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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