

Converting Colors

Hex(35AA22)

Have a look what the booklet for
Hex(35AA22) contains.

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Color

Hex(35AA22)

Conversions

Conversions Part 1

| Format | Color |
|-------------|------------------------------|
| Hex | 35AA22 |
| RGB | 53, 170, 34 |
| RGB Percent | 21%, 67%, 13% |
| CMY | 0.7922, 0.3333, 0.8667 |
| CMYK | 0.69, 0.00, 0.80, 0.33 |
| HSL | 112°, 67%, 40% |
| HSV | 112°, 80%, 67% |
| XYZ | 16.1317, 29.6218, 6.3807 |
| YIQ | 119.5130, -26.0760, -67.1000 |

Conversions

Conversions Part 2

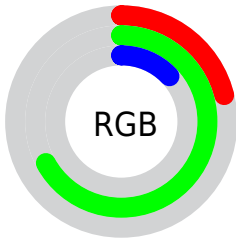
| Format | Color |
|-------------------------------------|---------------------------------|
| RYB | 34, 170, 151 |
| Decimal | 3516962 |
| CIELab | 61.33, -56.47, 55.64 |
| CIELCh | 61, 79.275, 135.426 |
| Yxy | 29.6218, 0.3094, 0.5682 |
| Android (android.graphics.Color) | 4281707042 (0xFF35AA22) |
| YUV | 119.5130, -42.1579, -58.3319 |
| Hunter-Lab | 54.4259, -42.3386, 31.1472 |

Details

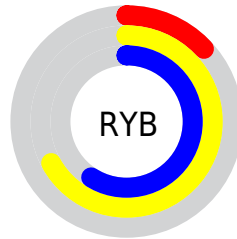
The Hex color **35AA22** is a dark color, and the websafe version is hex **009900**. A complement of this color would be **9722AA**, and the grayscale version is **787878**.

A 20% lighter version of the original color is **74E25A**, and **007400** is the 20% darker color. If you saturate the color by 10%, you get **26AA11**, and if you desaturate by 10%, it is **44AA33**.

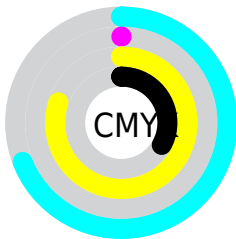
Distribution



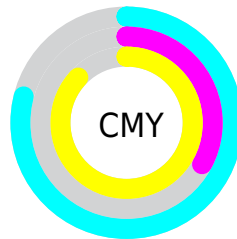
- Red (21%)
- Green (67%)
- Blue (13%)



- Red (13%)
- Yellow (67%)
- Blue (59%)



- Cyan (69%)
- Magenta (0%)
- Yellow (80%)
- Black (33%)



- Cyan (79%)
- Magenta (33%)
- Yellow (87%)

Brightness & Saturation Gradients

These gradients show how the Hex color 35AA22 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 35AA22 by changing the saturation by 10% instead.



35AA22



35AA22

FFFFFF



008F00



74E25A



007400



92FF75



005B00



AFFF91



004200



CDFFAC



002B00



EBFFC9



000900



FFFFE5



000000



35AA22



35AA22



26AA11



44AA33

■ 18AA00

■ 52AA44

■ 61AA55

■ 6FAA66

■ 7EAA77

■ 8DAA88

■ 9BAA99

■ AAAAAA

■ B9AABB

Harmonies

Analogous

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



919C00



35AA22



00B16E

Triad

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



35AA22



00A6FF



FF4373

Complementary

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



35AA22



9722AA

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.



FF4AB9



35AA22



2190FF

Square

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



35AA22



00B0F7



C36FF8



FB6330

Rectangle

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



35AA22



00B39F



C36FF8



FF408A

Sweetspot

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



35AA22



B0DEA9



AA9622



547050



F0F0F0



707070

Same Dimension

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



35AA22



27DE09



22AA52



4D544C



159400



031400

Inverse Universe

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



9722AA



C009DE



AA227A



534C54



7F0094



120014

Previews

White Background



This preview shows how the Hex color 35AA22 looks on a white background.

Color Contrast Check

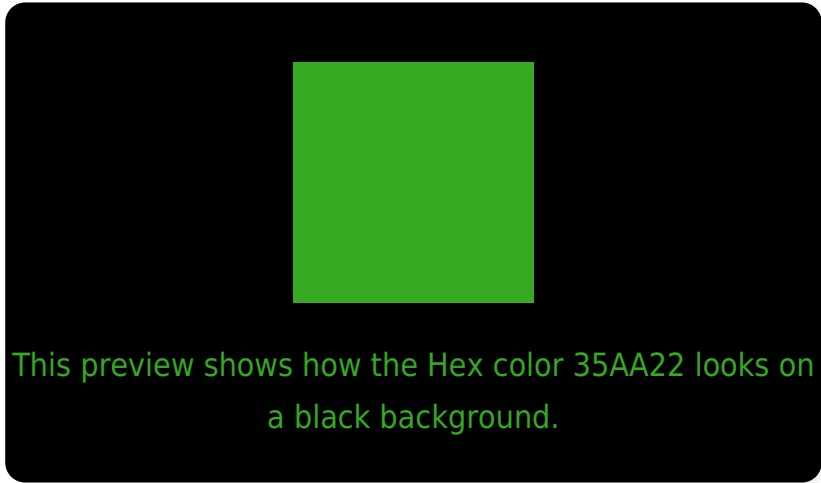
Large Text (above 18pt) WCAG AA ✓ Pass

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 35AA22 Background



This preview shows how black text looks on a background with the Hex color 35AA22.



This preview shows how white text looks on a background with the Hex color 35AA22.

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
35AA22

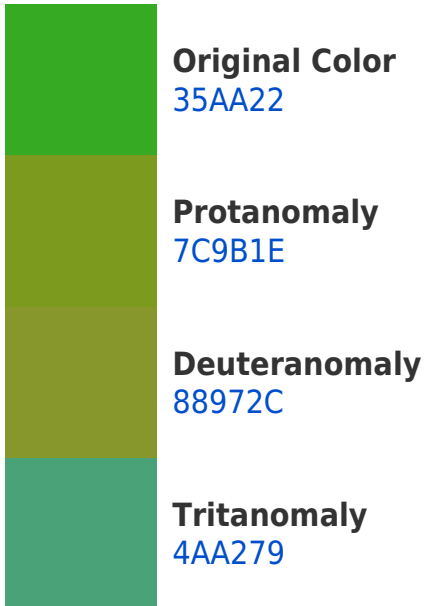
Protanopia
A5931C

Deuteranopia
B88C31



Tritanopia
569EAB

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 35AA22 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 #35AA22 looks like.

```
.text, #text, p{  
    color:#35AA22  
}
```

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 #35AA22 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #35AA22
}
```

Border

The CSS property to change the border of an element to Hex 35AA22 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
#35AA22 }
```

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

```
.border{ border-color:#35AA22 }
```

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

Here you see how a box with a 4 pixel #35AA22 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #35AA22; -webkit-box-shadow:4px 4px  
4px 4px #35AA22; box-shadow:4px 4px 4px  
4px #35AA22 }
```

Background

The CSS property to change the background color of an element to Hex 35AA22 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#35AA22 }
```

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

```
.background{ background-color:#35AA22 }
```

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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