

Converting Colors

Hex(3EAD25)

Have a look what the booklet for
Hex(3EAD25) contains.

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Color

Hex(3EAD25)

Conversions

Conversions Part 1

Format	Color
Hex	3EAD25
RGB	62, 173, 37
RGB Percent	24%, 68%, 15%
CMY	0.7569, 0.3216, 0.8549
CMYK	0.64, 0.00, 0.79, 0.32
HSL	109°, 65%, 41%
HSV	109°, 79%, 68%
XYZ	17.2641, 31.0448, 6.8326
YIQ	124.3070, -22.5000, -65.8280

Conversions

Conversions Part 2

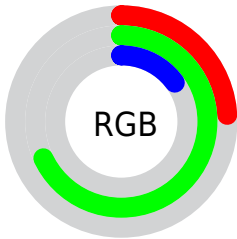
Format	Color
RYB	37, 173, 148
Decimal	4107557
CIELab	62.55, -55.39, 55.95
CIELCh	63, 78.731, 134.715
Yxy	31.0448, 0.3131, 0.5630
Android (android.graphics.Color)	4282297637 (0xFF3EAD25)
YUV	124.3070, -43.0424, -54.6432
Hunter-Lab	55.7179, -42.1984, 31.7319

Details

The Hex color **3EAD25** is a dark color, and the websafe version is hex **339900**. A complement of this color would be **9425AD**, and the grayscale version is **7D7D7D**.

A 20% lighter version of the original color is **7BE55D**, and **007700** is the 20% darker color. If you saturate the color by 10%, you get **30AD14**, and if you desaturate by 10%, it is **4CAD36**.

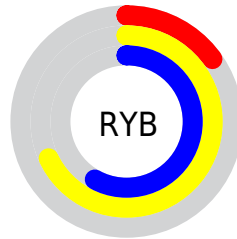
Distribution



Red (24%)

Green (68%)

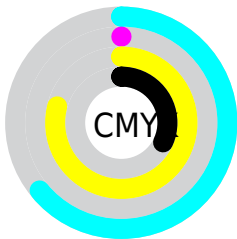
Blue (15%)



Red (15%)

Yellow (68%)

Blue (58%)

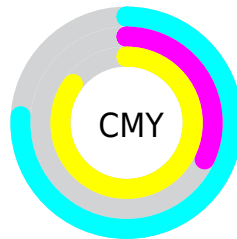


Cyan (64%)

Magenta (0%)

Yellow (79%)

Black (32%)



Cyan (76%)

Magenta (32%)

Yellow (85%)

Brightness & Saturation Gradients

These gradients show how the Hex color 3EAD25 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 3EAD25 by changing the saturation by 10% instead.



3EAD25



3EAD25

FFFFFF



159200



7BE55D



007700



99FF78



005D00



B6FF93



004500



D4FFAF



002F00



F2FFCB



001000



FFFFE8



000000



3EAD25



3EAD25



30AD14



4CAD36

■ 22AD02

■ 5AAD48

■ 20AD00

■ 68AD59

■ 76AD6A

■ 85AD7C

■ 93AD8D

■ A1AD9E

■ AFADAF

■ BDADC1

Harmonies

Analogous

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



969F00



3EAD25



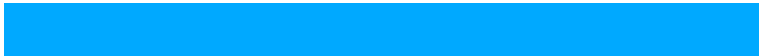
00B470

Triad

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



3EAD25



00A9FF



FF4878

Complementary

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



3EAD25



9425AD

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.



FF4FBE



3EAD25



2294FF

Square

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



3EAD25



00B4F9



C473FC



FF6636

Rectangle

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



3EAD25



00B6A1



C473FC



FF458F

Sweetspot

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



3EAD25



B4E0AB



AD9225



567050



F0F0F0



707070

Same Dimension

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



3EAD25



34E00D



25AD4E



50574E



1C9600



041700

Inverse Universe

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



9425AD



BA0DE0



AD2584



554E57



7B0096



130017

Previews

White Background



This preview shows how the Hex color 3EAD25 looks on a white background.

Color Contrast Check

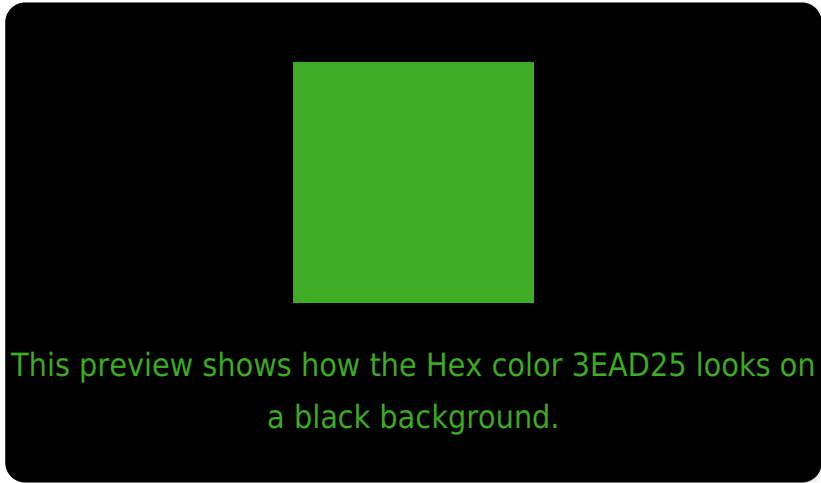
Large Text (above 18pt) WCAG AA × Fail

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 ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Hex 3EAD25 Background



This preview shows how black text looks on a background with the Hex color 3EAD25.

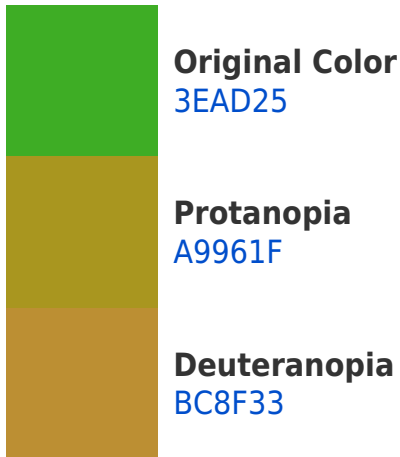


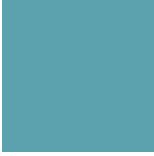
This preview shows how white text looks on a background with the Hex color 3EAD25.

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





Trichromacy



Original Color
3EAD25



Protanomaly
829E21



Deuteranomaly
8E9A2E



Tritanomaly
51A57C

Monochromacy



Original Color
3EAD25



Achromatopsia
7C7C7C



Achromatomaly
658E5C

CSS Examples

Text

The CSS property to change the color of the text to Hex 3EAD25 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 #3EAD25 looks like.

```
.text, #text, p{  
    color:#3EAD25  
}
```

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 #3EAD25 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3EAD25
}
```

Border

The CSS property to change the border of an element to Hex 3EAD25 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
#3EAD25 }
```

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

```
.border{ border-color:#3EAD25 }
```

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

Here you see how a box with a 4 pixel #3EAD25 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3EAD25; -webkit-box-shadow:4px 4px  
4px 4px #3EAD25; box-shadow:4px 4px 4px  
4px #3EAD25 }
```

Background

The CSS property to change the background color of an element to Hex 3EAD25 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3EAD25 }
```

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

```
.background{ background-color:#3EAD25 }
```

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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