

Converting Colors

Hex(4EA325)

Have a look what the booklet for
Hex(4EA325) contains.

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Color

Hex(4EA325)

Conversions

Conversions Part 1

Format	Color
Hex	4EA325
RGB	78, 163, 37
RGB Percent	31%, 64%, 15%
CMY	0.6941, 0.3608, 0.8549
CMYK	0.52, 0.00, 0.77, 0.36
HSL	100°, 63%, 39%
HSV	100°, 77%, 64%
XYZ	16.5730, 27.9477, 6.2712
YIQ	123.2210, -10.2140, -57.2060

Conversions

Conversions Part 2

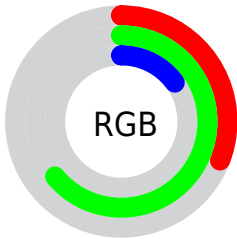
Format	Color
RYB	37, 163, 122
Decimal	5153573
CIELab	59.84, -47.57, 53.52
CIELCh	60, 71.607, 131.629
Yxy	27.9477, 0.3263, 0.5502
Android (android.graphics.Color)	4283343653 (0xFF4EA325)
YUV	123.2210, -42.5070, -39.6588
Hunter-Lab	52.8655, -36.5561, 29.9726

Details

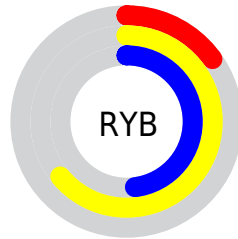
The Hex color **4EA325** is a dark color, and the websafe version is hex **339900**. A complement of this color would be **7A25A3**, and the grayscale version is **7C7C7C**.

A 20% lighter version of the original color is **87DB5C**, and **026E00** is the 20% darker color. If you saturate the color by 10%, you get **43A315**, and if you desaturate by 10%, it is **59A335**.

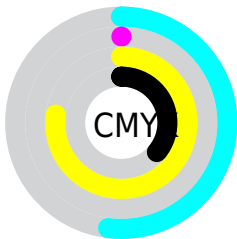
Distribution



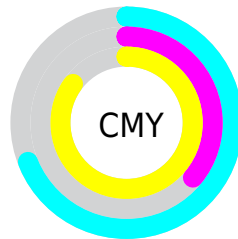
- Red (31%)
- Green (64%)
- Blue (15%)



- Red (15%)
- Yellow (64%)
- Blue (48%)



- Cyan (52%)
- Magenta (0%)
- Yellow (77%)
- Black (36%)



- Cyan (69%)
- Magenta (36%)
- Yellow (85%)

Brightness & Saturation Gradients

These gradients show how the Hex color 4EA325 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 4EA325 by changing the saturation by 10% instead.



4EA325



4EA325

FFFFFF



308800



87DB5C



026E00



A3F776



005500



C0FF92



003D00



DEFFAD



002700



FBFFC9



000000



FFFFE6



4EA325



4EA325



43A315



59A335

 38A304

 64A346

 35A300

 6FA356

 7AA366

 85A377

 90A387

 9BA397

 A6A3A7

 B1A3B8

Harmonies

Analogous

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



969500



4EA325



00AA66

Triad

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



4EA325



00A2FF



FF4C7A

Complementary

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



4EA325



7A25A3

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.



EC55B9



4EA325



0090FF

Square

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



4EA325



00ABE3



B173EF



F2623F

Rectangle

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



4EA325



00AC92



B173EF



FD4B8F

Sweetspot

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



4EA325



B3D4A3



A37925



576B4D



EBEBEB



6B6B6B

Same Dimension

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



4EA325



4FD40F



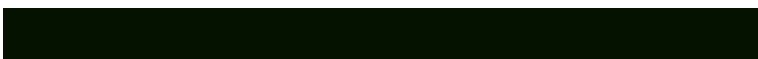
25A33A



4C5249



2F9100



061200

Inverse Universe

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



7A25A3



940FD4



A3258E



4F4952



620091



0C0012

Previews

White Background



This preview shows how the Hex color 4EA325 looks on a white background.

Color Contrast Check

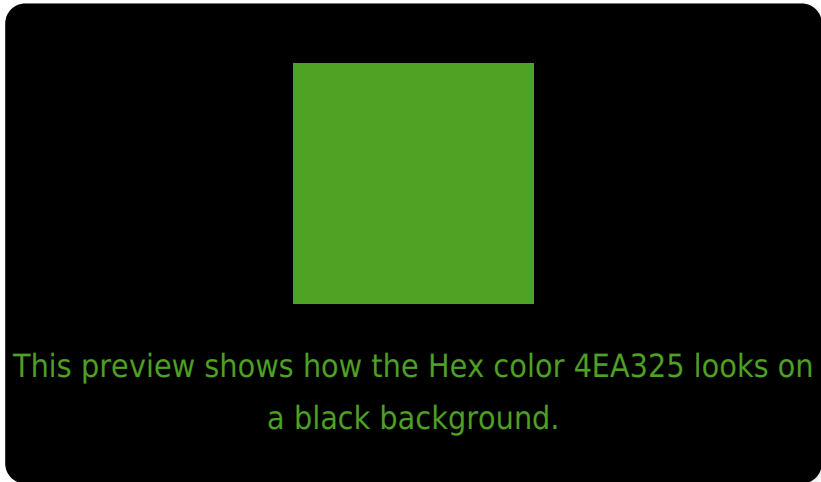
Large Text (above 18pt) WCAG AA ✓ Pass

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 4EA325 Background



This preview shows how black text looks on a background with the Hex color 4EA325.



This preview shows how white text looks on a background with the Hex color 4EA325.

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
4EA325

Protanopia
A19020

Deuteranopia
B38831



Tritanopia
6498A4

Trichromacy



Original Color
4EA325



Protanomaly
839722



Deuteranomaly
8E922D



Tritanomaly
5C9C76

Monochromacy



Original Color
4EA325



Achromatopsia
7B7B7B



Achromatomaly
6B8A5C

CSS Examples

Text

The CSS property to change the color of the text to Hex 4EA325 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 #4EA325 looks like.

```
.text, #text, p{  
    color:#4EA325  
}
```

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 #4EA325 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4EA325
}
```

Border

The CSS property to change the border of an element to Hex 4EA325 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
#4EA325 }
```

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

```
.border{ border-color:#4EA325 }
```

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

Here you see how a box with a 4 pixel #4EA325 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4EA325; -webkit-box-shadow:4px 4px  
4px 4px #4EA325; box-shadow:4px 4px 4px  
4px #4EA325 }
```

Background

The CSS property to change the background color of an element to Hex 4EA325 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4EA325 }
```

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

```
.background{ background-color:#4EA325 }
```

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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