

Converting Colors

Hex(4EA223)

Have a look what the booklet for
Hex(4EA223) contains.

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Color

Hex(4EA223)

Conversions

Conversions Part 1	
Format	Color
Hex	4EA223
RGB	78, 162, 35
RGB Percent	31%, 64%, 14%
CMY	0.6941, 0.3647, 0.8627
CMYK	0.52, 0.00, 0.78, 0.36
HSL	100°, 64%, 39%
HSV	100°, 78%, 64%
XYZ	16.3656, 27.5817, 6.0514
YIQ	122.4060, -9.2970, -57.3050

Conversions

Conversions Part 2

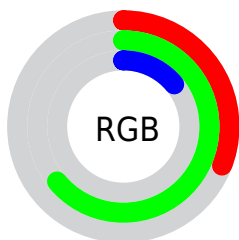
Format	Color
RYB	35, 162, 119
Decimal	5153315
CIELab	59.51, -47.31, 53.86
CIELCh	60, 71.688, 131.291
Yxy	27.5817, 0.3273, 0.5516
Android (android.graphics.Color)	4283343395 (0xFF4EA223)
YUV	122.4060, -43.0912, -38.9441
Hunter-Lab	52.5183, -36.2834, 29.9312

Details

The Hex color **4EA223** is a dark color, and the websafe version is hex **339900**. A complement of this color would be **7723A2**, and the grayscale version is **7B7B7B**.

A 20% lighter version of the original color is **87DA5A**, and **036D00** is the 20% darker color. If you saturate the color by 10%, you get **43A213**, and if you desaturate by 10%, it is **59A233**.

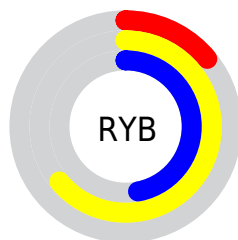
Distribution



Red (31%)

Green (64%)

Blue (14%)



Red (14%)

Yellow (64%)

Blue (47%)

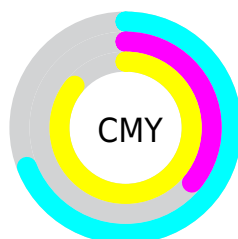


Cyan (52%)

Magenta (0%)

Yellow (78%)

Black (36%)



Cyan (69%)

Magenta (36%)

Yellow (86%)

Brightness & Saturation Gradients

These gradients show how the Hex color 4EA223 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 4EA223 by changing the saturation by 10% instead.

 4EA223

FFFFFF

 87DA5A

 A3F675

 C0FF90

 DDFFAC

 FBFFC8

 FFFFE5

 4EA223

 308700

 036D00

 005400

 003C00

 002700

 000000

 4EA223

 43A213

 4EA223

 59A233

 39A203

 63A243

 37A200

 6EA254

 79A264

 84A274

 8EA284

 99A294

 A4A2A5

 AEA2B5

Harmonies

Analogous

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



969400



4EA223



00A964

Triad

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



4EA223



00A1FF



FF4B7A

Complementary

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



4EA223



7723A2

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.



EB54B9



4EA223



008FFF

Square

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



4EA223



00AAE1



AF73EF



F1613E

Rectangle

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



4EA223



00AB90



AF73EF



FC4A8F

Sweetspot

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



4EA223



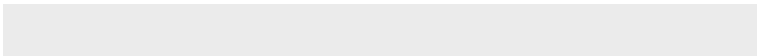
B2D4A1



A27623



576B4C



EBEBEB



6B6B6B

Same Dimension

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



4EA223



50D40D



23A236



4C5249



319100



061200

Inverse Universe

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



7723A2



900DD4



A2238F



4F4952



600091



0C0012

Previews

White Background



This preview shows how the Hex color 4EA223 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



This preview shows how the Hex color 4EA223 looks on a 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 4EA223 Background



This preview shows how black text looks on a background with the Hex color 4EA223.



This preview shows how white text looks on a background with the Hex color 4EA223.

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

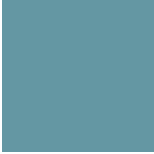
4EA223

Protanopia

A08F1E

Deuteranopia

B2872F



Tritanopia

6497A3

Trichromacy



Original Color

4EA223



Protanomaly

829620



Deuteranomaly

8E912B



Tritanomaly

5C9B74

Monochromacy



Original Color

4EA223



Achromatopsia

7A7A7A



Achromatomaly

6A895A

CSS Examples

Text

The CSS property to change the color of the text to Hex 4EA223 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 #4EA223 looks like.

```
.text, #text, p{  
    color:#4EA223  
}
```

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 #4EA223 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4EA223
}
```

Border

The CSS property to change the border of an element to Hex 4EA223 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
#4EA223 }
```

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

```
.border{ border-color:#4EA223 }
```

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

Here you see how a box with a 4 pixel #4EA223 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4EA223; -webkit-box-shadow:4px 4px  
4px 4px #4EA223; box-shadow:4px 4px 4px  
4px #4EA223 }
```

Background

The CSS property to change the background color of an element to Hex 4EA223 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4EA223 }
```

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

```
.background{ background-color:#4EA223 }
```

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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