

Converting Colors

Hex(42E24A)

Have a look what the booklet for
Hex(42E24A) contains.

Hex(42E24A)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(42E24A)

Conversions

Conversions Part 1

Format	Color
Hex	42E24A
RGB	66, 226, 74
RGB Percent	26%, 89%, 29%
CMY	0.7412, 0.1137, 0.7098
CMYK	0.71, 0.00, 0.67, 0.11
HSL	123°, 73%, 57%
HSV	123°, 71%, 89%
XYZ	30.6792, 56.0454, 15.6794
YIQ	160.8320, -46.5680, -81.1920

Conversions

Conversions Part 2

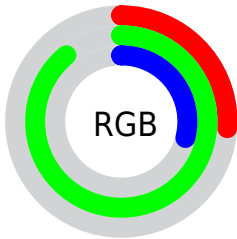
Format	Color
RYB	66, 218, 226
Decimal	4383306
CIELab	79.64, -69.26, 60.07
CIElCh	80, 91.676, 139.066
Yxy	56.0454, 0.2996, 0.5473
Android (android.graphics.Color)	4282573386 (0xFF42E24A)
YUV	160.8320, -42.8082, -83.1677
Hunter-Lab	74.8635, -57.8615, 39.9867

Details

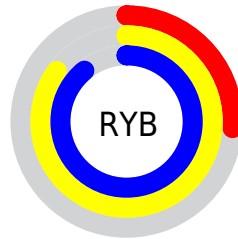
The Hex color **42E24A** is a dark color, and the websafe version is hex **33CC33**. The color can be described as dark muted green. A complement of this color would be **E242DA**, and the grayscale version is **A1A1A1**.

A 20% lighter version of the original color is **87FF81**, and **00A902** is the 20% darker color. If you saturate the color by 10%, you get **2BE235**, and if you desaturate by 10%, it is **59E25F**.

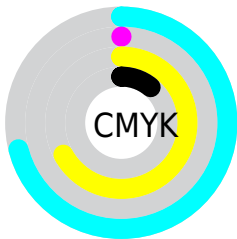
Distribution



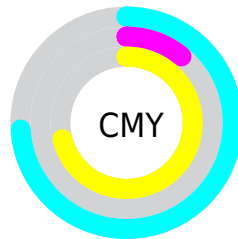
- Red (26%)
- Green (89%)
- Blue (29%)



- Red (26%)
- Yellow (85%)
- Blue (89%)



- Cyan (71%)
- Magenta (0%)
- Yellow (67%)
- Black (11%)



- Cyan (74%)
- Magenta (11%)
- Yellow (71%)

Brightness & Saturation Gradients


These gradients show how the Hex color 42E24A 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 42E24A by changing the saturation by 10% instead.

 42E24A

 42E24A

FFFFFF

 01C52D

 87FF81

 00A902

 A6FF9D

 008E00

 C5FFB9

 007300

 E4FFD6

 005900

 FFFFF3

 004000

 002700

 000000

 42E24A

 42E24A

 2BE235

 59E25F

 15E21F

 6FE275

 00E20B

 86E28A

 9CE2A0

 B3E2B5

 CAE2CB

 E0E2E0

 F7E2F6

 FFE2FF

Harmonies

Analogous

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



B9D200



42E24A



00EAA2

Triad

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



42E24A



00D9FF



FF6C93

Complementary

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



42E24A



E242DA

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.



FF6DE8



42E24A



78BCFF

Square

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



42E24A



00E7FF



FF93FF



FF9043

Rectangle

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



42E24A



00ECDE



FF93FF



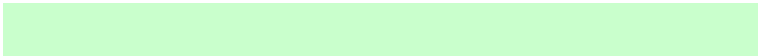
FF66AF

Sweetspot

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



42E24A



C9FFCC



DAE242



608061



000000



808080

Same Dimension

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



42E24A



26FF31



42E29A



657066



00B009



003002

Inverse Universe

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



E242DA



FF26F4



E2428A



706570



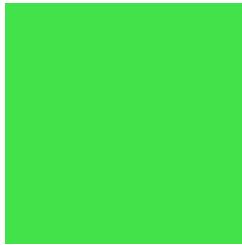
B000A7



30002E

Previews

White Background



This preview shows how the Hex color 42E24A 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



This preview shows how the Hex color 42E24A 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 ✓ Pass

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

Hex 42E24A Background



This preview shows how black text looks on a background with the Hex color 42E24A.

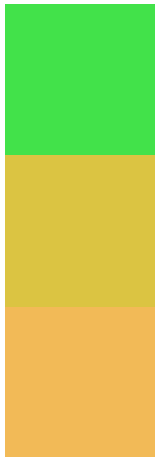


This preview shows how white text looks on a background with the Hex color 42E24A.

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](#).

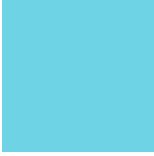
Dichromacy



Original Color
42E24A

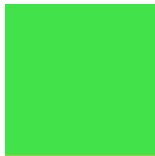
Protanopia
DBC442

Deuteranopia
F2BA57



Tritanopia
6ED3E4

Trichromacy



Original Color
42E24A



Protanomaly
A3CF45



Deuteranomaly
B2C952



Tritanomaly
5ED8AC

Monochromacy



Original Color
42E24A



Achromatopsia
A1A1A1



Achromatomaly
7EB981

CSS Examples

Text

The CSS property to change the color of the text to Hex 42E24A 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 #42E24A looks like.

```
.text, #text, p{  
    color:#42E24A  
}
```

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 #42E24A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #42E24A
}
```

Border

The CSS property to change the border of an element to Hex 42E24A 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
#42E24A }
```

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

```
.border{ border-color:#42E24A }
```

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

Here you see how a box with a 4 pixel #42E24A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #42E24A; -webkit-box-shadow:4px 4px  
4px 4px #42E24A; box-shadow:4px 4px 4px  
4px #42E24A }
```

Background

The CSS property to change the background color of an element to Hex 42E24A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#42E24A }
```

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

```
.background{ background-color:#42E24A }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor