

Converting Colors

Hex(42E08A)

Have a look what the booklet for
Hex(42E08A) contains.

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Color

Hex(42E08A)

Conversions

Conversions Part 1

| Format | Color |
|-------------|------------------------------|
| Hex | 42E08A |
| RGB | 66, 224, 138 |
| RGB Percent | 26%, 88%, 54% |
| CMY | 0.7412, 0.1216, 0.4588 |
| CMYK | 0.71, 0.00, 0.38, 0.12 |
| HSL | 147°, 72%, 57% |
| HSV | 147°, 71%, 88% |
| XYZ | 33.4899, 56.3045, 33.1475 |
| YIQ | 166.9540, -66.5620, -60.2420 |

Conversions

Conversions Part 2

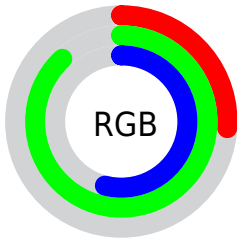
| Format | Color |
|-------------------------------------|--|
| RYB | 66, 175, 224 |
| Decimal | 4382858 |
| CIELab | 79.79, -59.72, 30.61 |
| CIElCh | 80, 67.108, 152.865 |
| Yxy | 56.3045, 0.2724, 0.4580 |
| Android (android.graphics.Color) | 4282572938 (0xFF42E08A) |
| YUV | 166.9540, -14.2743, -88.5367 |
| Hunter-Lab | 75.0363, -51.6463, 26.3339 |

Details

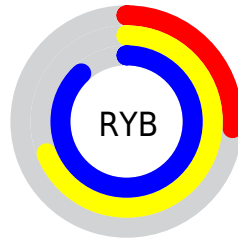
The Hex color **42E08A** is a dark color, and the websafe version is hex **33CC66**. The color can be described as middle muted spring green. A complement of this color would be **E04298**, and the grayscale version is **A7A7A7**.

A 20% lighter version of the original color is **85FFC0**, and **00A757** is the 20% darker color. If you saturate the color by 10%, you get **2CE07E**, and if you desaturate by 10%, it is **58E096**.

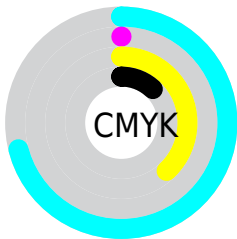
Distribution



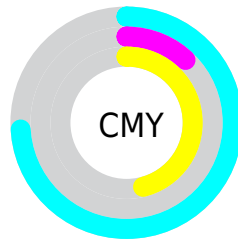
- Red (26%)
- Green (88%)
- Blue (54%)



- Red (26%)
- Yellow (69%)
- Blue (88%)



- Cyan (71%)
- Magenta (0%)
- Yellow (38%)
- Black (12%)



- Cyan (74%)
- Magenta (12%)
- Yellow (46%)

Brightness & Saturation Gradients

These gradients show how the Hex color 42E08A 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 42E08A by changing the saturation by 10% instead.

 42E08A

 42E08A

FFFFFF

 0AC370

 85FFC0

 00A757

 A3FFDC

 008C3F

 C2FFF9

 007227

 E1FFFF

 00580F

 003F00

 002700

 000000

 42E08A

 42E08A

 2CE07E

 58E096

 15E072

 6FE0A2

 00E066

 85E0AF

 9CE0BB

 B2E0C7

 C8E0D3

 DFE0DF

 F5E0EC

 FFE0F8

Harmonies

Analogous

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



A2D656



42E08A



00E4CA

Triad

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



42E08A



46CBFF



FF9685

Complementary

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



42E08A



E04298

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.



FF8DC2



42E08A



D0B3FF

Square

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



42E08A



00DBFF



FF9AFF



FFAD55

Rectangle

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



42E08A



00E4F5



FF9AFF



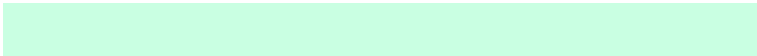
FF9199

Sweetspot

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



42E08A



C9FFE2



99E042



60806E



000000



808080

Same Dimension

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



42E08A



26FF89



42E0D8



65706A



00B050



003016

Inverse Universe

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



E04298



FF269C



E0424A



70656B



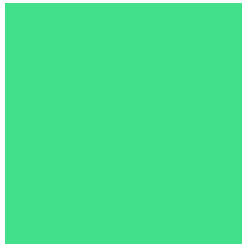
B00060



30001A

Previews

White Background



This preview shows how the Hex color 42E08A looks on a white background.

Color Contrast Check

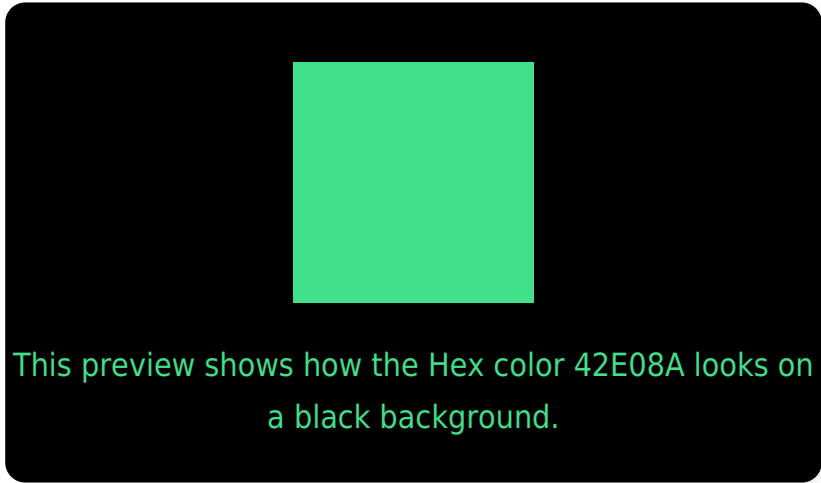
Large Text (above 18pt) WCAG AA × Fail

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

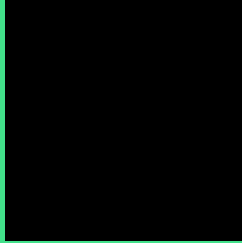
Any Text WCAG AA ✓ Pass

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 42E08A Background



This preview shows how black text looks on a background with the Hex color 42E08A.

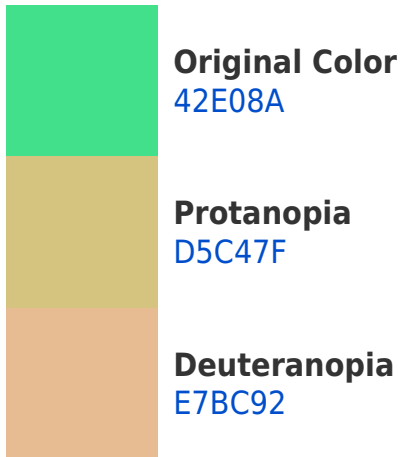


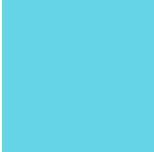
This preview shows how white text looks on a background with the Hex color 42E08A.

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





Tritanopia
65D5E6

Trichromacy



Original Color
42E08A



Protanomaly
A0CE83



Deuteranomaly
ABC98F



Tritanomaly
58D9C5

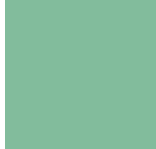
Monochromacy



Original Color
42E08A



Achromatopsia
A7A7A7



Achromatomaly
82BC9C

CSS Examples

Text

The CSS property to change the color of the text to Hex 42E08A 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 #42E08A looks like.

```
.text, #text, p{  
    color:#42E08A  
}
```

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 #42E08A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #42E08A
}
```

Border

The CSS property to change the border of an element to Hex 42E08A 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
#42E08A }
```

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

```
.border{ border-color:#42E08A }
```

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

Here you see how a box with a 4 pixel #42E08A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #42E08A; -webkit-box-shadow:4px 4px  
4px 4px #42E08A; box-shadow:4px 4px 4px  
4px #42E08A }
```

Background

The CSS property to change the background color of an element to Hex 42E08A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#42E08A }
```

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

```
.background{ background-color:#42E08A }
```

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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