

# Converting Colors

Hex(CAE25E)

Have a look what the booklet for  
Hex(CAE25E) contains.

<b>Hex(CAE25E)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

**Color**

**Hex(CAE25E)**

# Conversions

## Conversions Part 1

Format	Color
Hex	CAE25E
RGB	202, 226, 94
RGB Percent	79%, 89%, 37%
CMY	0.2078, 0.1137, 0.6314
CMYK	0.11, 0.00, 0.58, 0.11
HSL	71°, 69%, 63%
HSV	71°, 58%, 89%
XYZ	53.5739, 67.7574, 20.8445
YIQ	203.7760, 28.0680, -46.1400

# Conversions

## Conversions Part 2

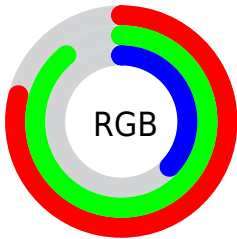
<b>Format</b>	<b>Color</b>
<b>RYB</b>	94, 226, 118
Decimal	13296222
CIELab	85.89, -26.14, 60.40
CIELCh	86, 65.809, 113.400
Yxy	67.7574, 0.3768, 0.4766
Android (android.graphics.Color)	4291486302 (0xFFCAE25E)
YUV	203.7760, -54.1196, -1.5576
Hunter-Lab	82.3149, -27.8761, 42.6065

# Details

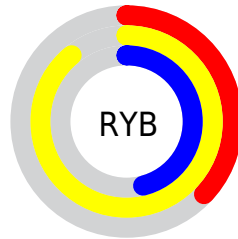
The Hex color **CAE25E** is a light color, and the websafe version is hex **CCCC33**. The color can be described as light muted yellow. A complement of this color would be **765EE2**, and the grayscale version is **CCCCCC**.

A 20% lighter version of the original color is **FFFF95**, and **91AB25** is the 20% darker color. If you saturate the color by 10%, you get **C6E247**, and if you desaturate by 10%, it is **CEE275**.

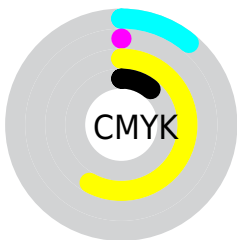
# Distribution



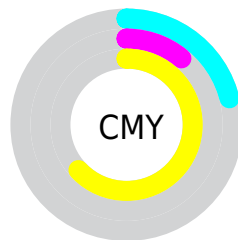
- Red (79%)
- Green (89%)
- Blue (37%)



- Red (37%)
- Yellow (89%)
- Blue (46%)



- Cyan (11%)
- Magenta (0%)
- Yellow (58%)
- Black (11%)



- Cyan (21%)
- Magenta (11%)
- Yellow (63%)

# Brightness & Saturation Gradients

These gradients show how the Hex color CAE25E 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 CAE25E by changing the saturation by 10% instead.



 CAE25E

 CAE25E

FFFFFF

 ADC643

 FFFF95

 91AB25

 FFFF80

 759000

 FFFFCD

 5A7600

 FFFF99

 405E00

 254600

 072F00

 001D00

 000000

■ CAE25E

■ CAE25E

■ C6E247

■ CEE275

■ C2E231

■ D2E28B

■ BEE21A

■ D6E2A2

■ BAE204

■ DAE2B8

■ B9E200

■ DFE2CF

■ E3E2E6

■ E7E2FC

■ EBE2FF

■ EFE2FF

# Harmonies

## Analogous

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



FFCF56



CAE25E



7EEF89

# Triad

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



CAE25E



00EFFF



FFA2E7

# Complementary

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



CAE25E



765EE2

# 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.



FFB3FF



CAE25E



00E2FF

# Square

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



CAE25E



00F5FF



C3CCFF



FFA4A9

# Rectangle

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



CAE25E



15F4B1



C3CCFF



FFA6FC

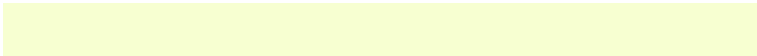


# Sweetspot

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



CAE25E



F7FFD1



E2745E



7A8063



000000



808080



# Same Dimension

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



CAE25E



DFFF4D



8AE25E



6E7065



90B000



283000



# Inverse Universe

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



765EE2



6D4DFF



B65EE2



676570



2000B0



090030



# Previews

## White Background



This preview shows how the Hex color CAE25E 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 CAE25E Background



This preview shows how black text looks on a background with the Hex color CAE25E.

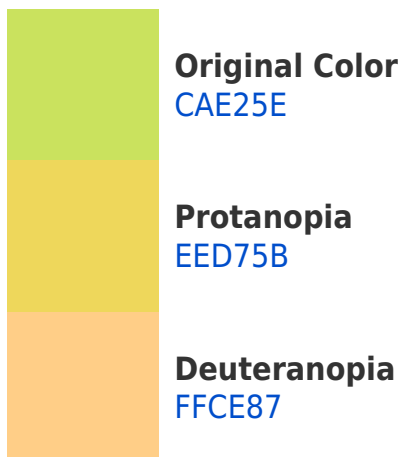


This preview shows how white text looks on a background with the Hex color CAE25E.

# 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](#).

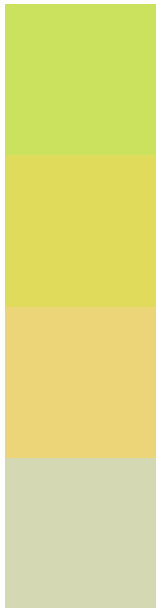
## Dichromacy





**Tritanopia**  
D9D4E5

# Trichromacy



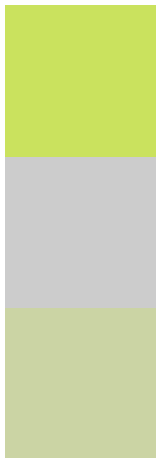
**Original Color**  
CAE25E

**Protanomaly**  
E1DB5C

**Deuteranomaly**  
ECD578

**Tritanomaly**  
D4D9B4

# Monochromacy



**Original Color**  
CAE25E

**Achromatopsia**  
CCCCCC

**Achromatomaly**  
CBD4A4

# CSS Examples

## Text

The CSS property to change the color of the text to Hex CAE25E 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 #CAE25E looks like.

```
.text, #text, p{  
    color:#CAE25E  
}
```

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 #CAE25E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #CAE25E
}
```

## Border

The CSS property to change the border of an element to Hex CAE25E 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
#CAE25E }
```

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

```
.border{ border-color:#CAE25E }
```

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

Here you see how a box with a 4 pixel #CAE25E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #CAE25E; -webkit-box-shadow:4px 4px  
4px 4px #CAE25E; box-shadow:4px 4px 4px  
4px #CAE25E }
```

# Background

The CSS property to change the background color of an element to Hex CAE25E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#CAE25E }
```

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

```
.background{ background-color:#CAE25E }
```

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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