

# Converting Colors

Hex(E2E65C)

Have a look what the booklet for  
Hex(E2E65C) contains.

<b>Hex(E2E65C)</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(E2E65C)**

# Conversions

## Conversions Part 1

Format	Color
Hex	E2E65C
RGB	226, 230, 92
RGB Percent	89%, 90%, 36%
CMY	0.1137, 0.0980, 0.6392
CMYK	0.02, 0.00, 0.60, 0.10
HSL	62°, 73%, 63%
HSV	62°, 60%, 90%
XYZ	61.5926, 73.5351, 21.0726
YIQ	213.0720, 41.9140, -43.7660

# Conversions

## Conversions Part 2

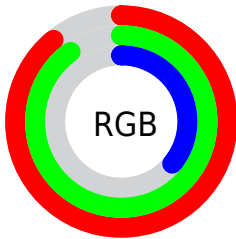
Format	Color
R <sub>Y</sub> B	92, 230, 96
Decimal	14870108
CIE Lab	88.70, -18.62, 64.83
CIE LCh	89, 67.456, 106.026
Yxy	73.5351, 0.3943, 0.4708
Android (android.graphics.Color)	4293060188 (0xFFE2E65C)
YUV	213.0720, -59.6885, 11.3379
Hunter-Lab	85.7526, -21.8577, 45.4570

# Details

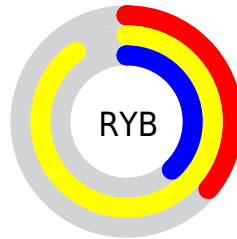
The Hex color **E2E65C** is a light color, and the websafe version is hex **FFFF66**. The color can be described as light muted yellow. A complement of this color would be **605CE6**, and the grayscale version is **D6D6D6**.

A 20% lighter version of the original color is **FFFF93**, and **A8AF21** is the 20% darker color. If you saturate the color by 10%, you get **E1E645**, and if you desaturate by 10%, it is **E3E673**.

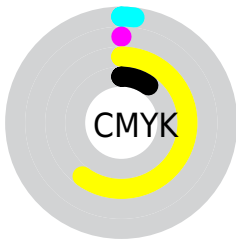
# Distribution



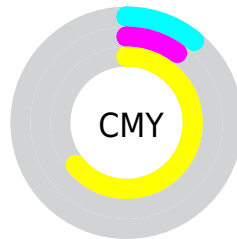
- Red (89%)
- Green (90%)
- Blue (36%)



- Red (36%)
- Yellow (90%)
- Blue (38%)



- Cyan (2%)
- Magenta (0%)
- Yellow (60%)
- Black (10%)



- Cyan (11%)
- Magenta (10%)
- Yellow (64%)

# Brightness & Saturation Gradients

These gradients show how the Hex color E2E65C 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 E2E65C by changing the saturation by 10% instead.



 E2E65C

 E2E65C

FFFFFF

 C5CA40

 FFFF93

 A8AF21

 FFFFAF

 8B9400

 FFFFCC

 707A00

 FFFFEE

 556200

 3A4A00

 203300

 001F00

 000000

 E2E65C

 E2E65C

 E1E645

 E3E673

 E1E62E

 E3E68A

 E0E617

 E4E6A1

 DFE600

 E5E6B8

 E5E6CF

 E6E6E6

 E7E6FD

 E7E6FF

 E8E6FF

# Harmonies

## Analogous

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



FFD15E



E2E65C



99F581

# Triad

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



E2E65C



00FAFF



FFABFF

# Complementary

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



E2E65C



605CE6

# 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.



FFC0FF



E2E65C



00EEFF

# Square

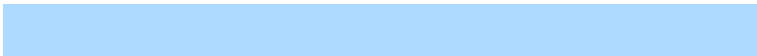
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



E2E65C



00FFFF



AEDAFF



FFA8BF

# Rectangle

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



E2E65C



52FBA8



AEDAFF



FFB0FF



# Sweetspot

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



E2E65C



FEFFD1



E65E5C



7F8063



000000



808080



# Same Dimension

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



E2E65C



FAFF47



9FE65C



727367



ADB300



323300



# Inverse Universe

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



605CE6



4D47FF



A35CE6



686773



0500B3

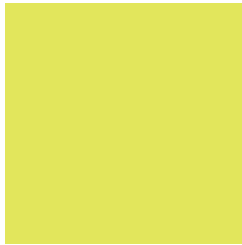


010033



# Previews

## White Background



This preview shows how the Hex color E2E65C looks on a white background.

## Color Contrast Check

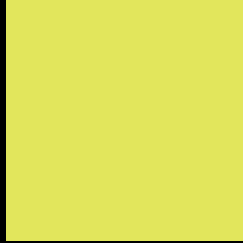
Large Text (above 18pt) WCAG AA × Fail

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 E2E65C 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 E2E65C Background



This preview shows how black text looks on a background with the Hex color E2E65C.

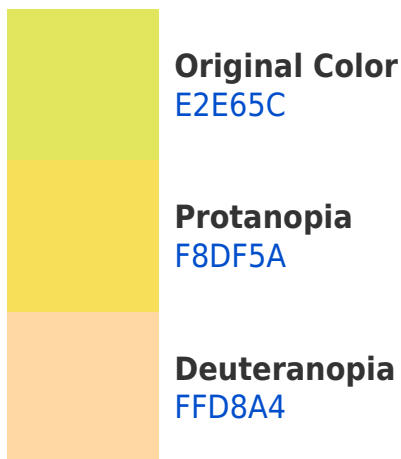


This preview shows how white text looks on a background with the Hex color E2E65C.

# 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](#).

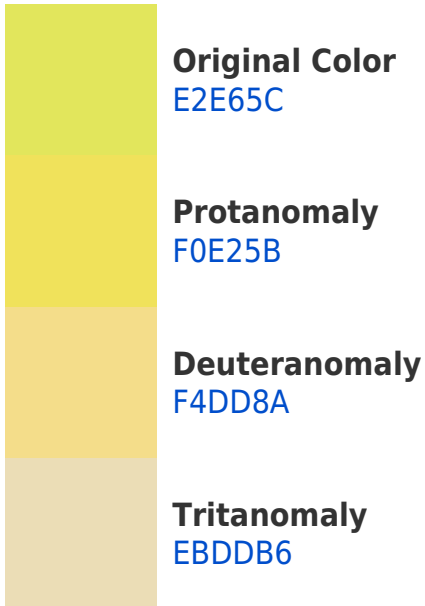
## Dichromacy



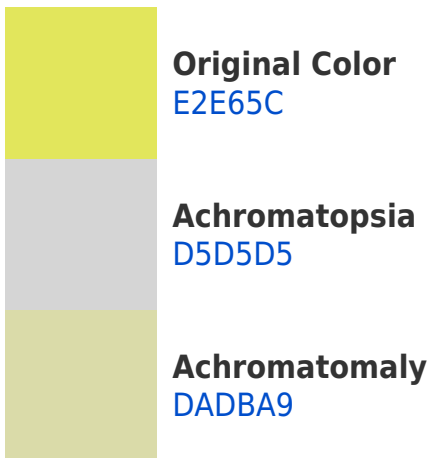


**Tritanopia**  
F0D8E9

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex E2E65C 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 #E2E65C looks like.

```
.text, #text, p{  
    color:#E2E65C  
}
```

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 #E2E65C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #E2E65C
}
```

## Border

The CSS property to change the border of an element to Hex E2E65C 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
#E2E65C }
```

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

```
.border{ border-color:#E2E65C }
```

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

Here you see how a box with a 4 pixel #E2E65C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #E2E65C; -webkit-box-shadow:4px 4px  
4px 4px #E2E65C; box-shadow:4px 4px 4px  
4px #E2E65C }
```

# Background

The CSS property to change the background color of an element to Hex E2E65C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#E2E65C }
```

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

```
.background{ background-color:#E2E65C }
```

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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