

# Converting Colors

Hex(EEC554)

Have a look what the booklet for  
Hex(EEC554) contains.

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# **Color**

**Hex(EEC554)**

# Conversions

## Conversions Part 1

Format	Color
Hex	EEC554
RGB	238, 197, 84
RGB Percent	93%, 77%, 33%
CMY	0.0667, 0.2275, 0.6706
CMYK	0.00, 0.17, 0.65, 0.07
HSL	44°, 82%, 63%
HSV	44°, 65%, 93%
XYZ	56.8264, 58.7497, 16.7323
YIQ	196.3770, 60.7090, -26.4510

# Conversions

## Conversions Part 2

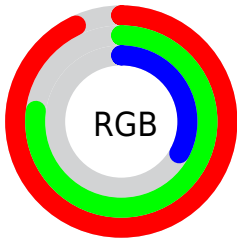
Format	Color
<a href="#">RYB</a>	<a href="#">140, 238, 84</a>
Decimal	<a href="#">15648084</a>
CIELab	<a href="#">81.15, 2.45, 60.38</a>
CIELCh	<a href="#">81, 60.430, 87.675</a>
Yxy	<a href="#">58.7497, 0.4295, 0.4440</a>
Android (android.graphics.Color)	<a href="#">4293838164 (0xFFEEC554)</a>
YUV	<a href="#">196.3770, -55.4019, 36.5034</a>
Hunter-Lab	<a href="#">76.6484, -1.7965, 40.7109</a>

# Details

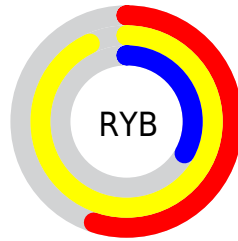
The Hex color **EEC554** is a light color, and the websafe version is hex **FFCC66**. The color can be described as light muted yellow. A complement of this color would be **547DEE**, and the grayscale version is **C5C5C5**.

A 20% lighter version of the original color is **FFFD8A**, and **B3901B** is the 20% darker color. If you saturate the color by 10%, you get **EEBF3C**, and if you desaturate by 10%, it is **EECB6C**.

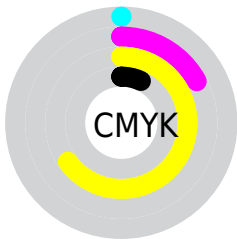
# Distribution



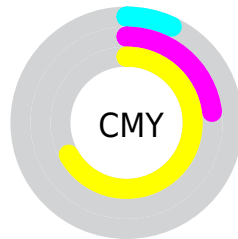
- Red (93%)
- Green (77%)
- Blue (33%)



- Red (55%)
- Yellow (93%)
- Blue (33%)



- Cyan (0%)
- Magenta (17%)
- Yellow (65%)
- Black (7%)



- Cyan (7%)
- Magenta (23%)
- Yellow (67%)

# Brightness & Saturation Gradients

These gradients show how the Hex color EEC554 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 EEC554 by changing the saturation by 10% instead.



 EEC554

 EEC554

FFFFFF

 D0AA39

 FFFD8A

 B3901B

 FFFFA5

 967600

 FFFFC2

 795E00

 FFFFDE

 5E4600

 FFFFFC

 433000

 291C00

 0D0200

 000000

 EEC554

 EEC554

 EEBF3C

 EECB6C

 EEB824

 EED284

 EEB20D

 EED89B

 EEAFO0

 EEDEB3

 EEE5CB

 EEEBE3

 EEF1FB

 EEF8FF

 EEFEFF

# Harmonies

## Analogous

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



FFB06B



EEC554



B6D661

# Triad

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



EEC554



00E5FC



FFA6FF

# Complementary

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



EEC554



547DEE

# 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.



C6BCFF



EEC554



00DFFF

# Square

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



EEC554



00E6C3



4CD1FF



FF99D0

# Rectangle

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



EEC554



89DE7A



4CD1FF



F8ADFF



# Sweetspot

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



EEC554



FFF2CF



EE547D



807862



000000



808080



# Same Dimension

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



EEC554



FFCA38



CAEE54



78756C



B88700



382900



# Inverse Universe

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



547DEE



386DFF



7854EE



6C6F78



0031B8



000F38



# Previews

## White Background



This preview shows how the Hex color EEC554 looks on a white background.

## Color Contrast Check

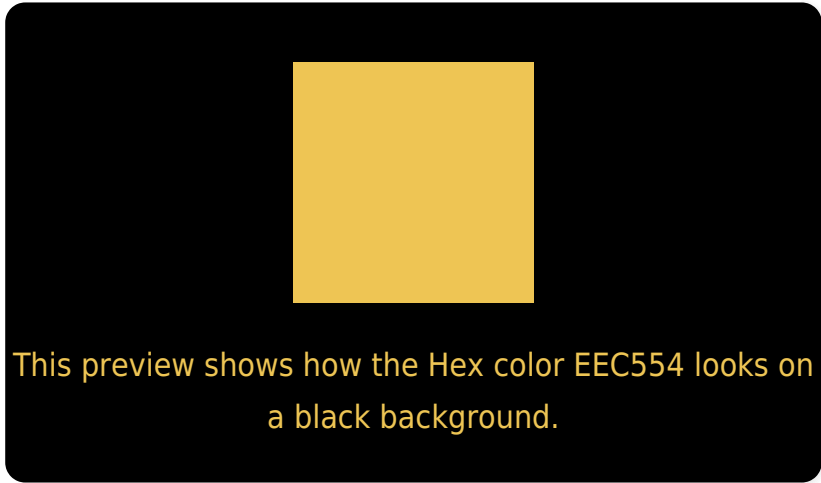
Large Text (above 18pt) WCAG AA × Fail

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 EEC554 Background



This preview shows how black text looks on a background with the Hex color EEC554.

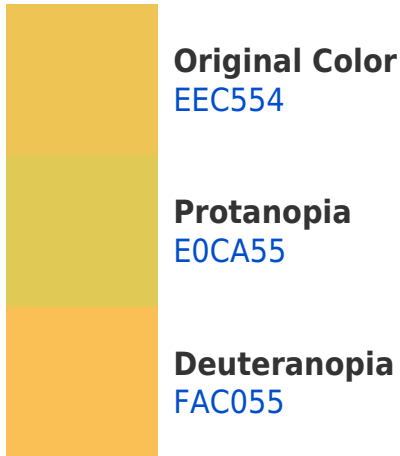


This preview shows how white text looks on a background with the Hex color EEC554.

# 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](#).

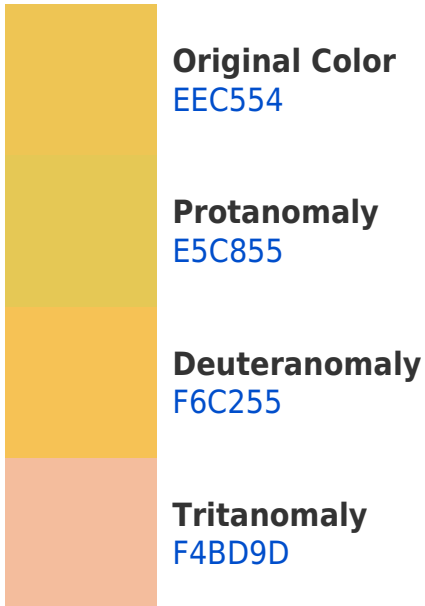
## Dichromacy



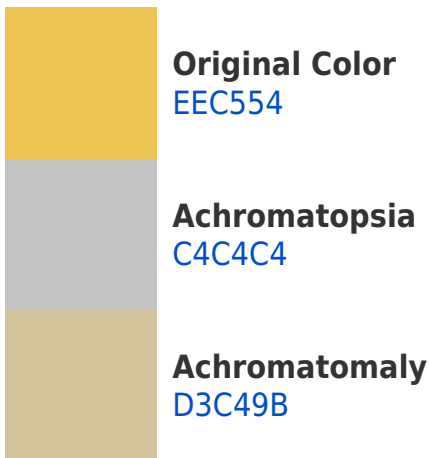


**Tritanopia**  
F7B9C7

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex EEC554 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 #EEC554 looks like.

```
.text, #text, p{  
    color:#EEC554  
}
```

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 #EEC554 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #EEC554
}
```

## Border

The CSS property to change the border of an element to Hex EEC554 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
#EEC554 }
```

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

```
.border{ border-color:#EEC554 }
```

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

Here you see how a box with a 4 pixel #EEC554 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #EEC554; -webkit-box-shadow:4px 4px  
4px 4px #EEC554; box-shadow:4px 4px 4px  
4px #EEC554 }
```

# Background

The CSS property to change the background color of an element to Hex EEC554 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#EEC554 }
```

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

```
.background{ background-color:#EEC554 }
```

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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