

# Converting Colors

Hex(EEDA66)

Have a look what the booklet for  
Hex(EEDA66) contains.

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# **Color**

**Hex(EEDA66)**

# Conversions

## Conversions Part 1

Format	Color
Hex	EEDA66
RGB	238, 218, 102
RGB Percent	93%, 85%, 40%
CMY	0.0667, 0.1451, 0.6000
CMYK	0.00, 0.08, 0.57, 0.07
HSL	51°, 80%, 67%
HSV	51°, 57%, 93%
XYZ	62.7296, 69.2793, 22.6364
YIQ	210.7560, 49.1560, -31.8360

# Conversions

## Conversions Part 2

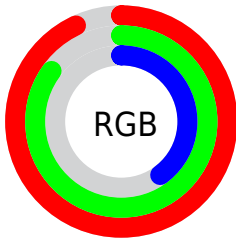
Format	Color
<b>RYB</b>	125, 238, 102
Decimal	15653478
CIELab	86.64, -7.10, 58.49
CIELCh	87, 58.918, 96.918
Yxy	69.2793, 0.4056, 0.4480
Android (android.graphics.Color)	4293843558 (0xFFEEDA66)
YUV	210.7560, -53.6167, 23.8930
Hunter-Lab	83.2342, -11.1330, 42.1394

# Details

The Hex color **EEDA66** is a light color, and the websafe version is hex **CCCC66**. A complement of this color would be **667AEE**, and the grayscale version is **D3D3D3**.

A 20% lighter version of the original color is **FFFF9C**, and **B3A330** is the 20% darker color. If you saturate the color by 10%, you get **EED64E**, and if you desaturate by 10%, it is **EEDD7E**.

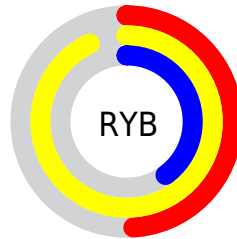
# Distribution



Red (93%)

Green (85%)

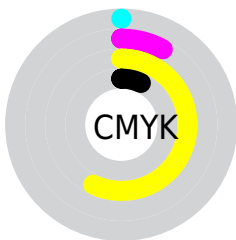
Blue (40%)



Red (49%)

Yellow (93%)

Blue (40%)

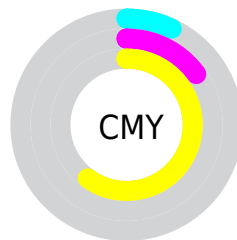


Cyan (0%)

Magenta (8%)

Yellow (57%)

Black (7%)



Cyan (7%)

Magenta (15%)

Yellow (60%)

# Brightness & Saturation Gradients

These gradients show how the Hex color EEDA66 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 EEDA66 by changing the saturation by 10% instead.



 EEDA66

 EEDA66

FFFFFF

 D0BE4B

 FFFF9C

 B3A330

 FFFF88

 97890F

 FFFF66


 7B7000

 FFFF33

 605800

 454100

 2B2B00

 111700

 000000

 EEDA66

 EEDA66

 EED64E

 EEDD7E

 EED336

 EEE196

 EECF1F

 EEE4AD

 EECC07

 EEE8C5

 EECB00

 EEEBDD

 EEEFF5

 EE2FF

 EE6FF

 EEFAFF

# Harmonies

## Analogous

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



FFC672



EEDA66



B3E97C

# Triad

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



EEDA66



00F3FF



FFB1FF

# Complementary

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



EEDA66



667AEE

# 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.



EFC5FF



EEDA66



00EAFB

# Square

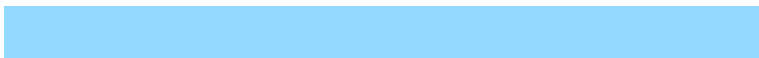
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



EEDA66



00F6E5



92DAFF



FFAAE6

# Rectangle

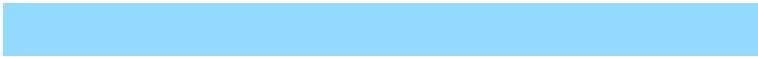
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



EEDA66



83F09A



92DAFF



FFB7FF



# Sweetspot

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



EEDA66



FFF9D4



EE667A



807C66



000000



808080



# Same Dimension

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



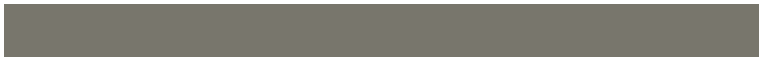
EEDA66



FFE54F



BEEE66



78766C



B89D00



383000



# Inverse Universe

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



667AEE



4F69FF



9666EE



6C6E78



001BB8



000838



# Previews

## White Background



This preview shows how the Hex color EEDA66 looks on a white background.

## Color Contrast Check

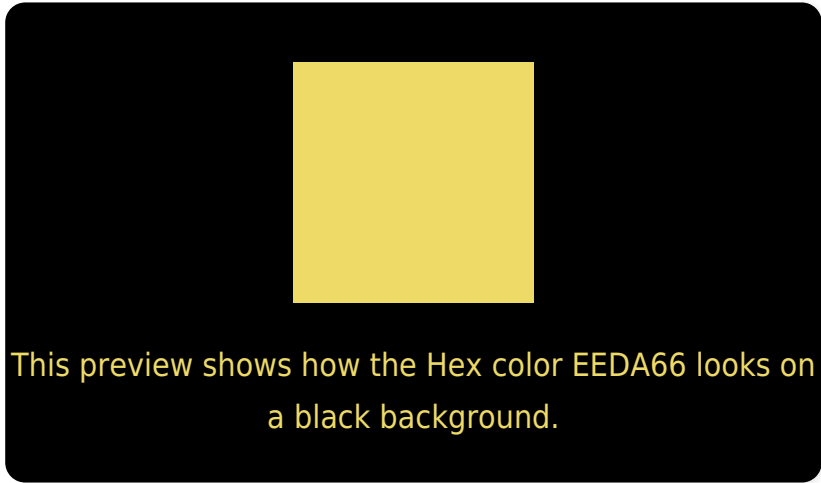
Large Text (above 18pt) WCAG AA × Fail

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 EEDA66 Background



This preview shows how black text looks on a background with the Hex color EEDA66.

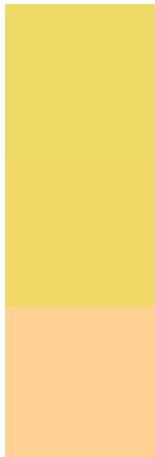


This preview shows how white text looks on a background with the Hex color EEDA66.

# 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**  
EEDA66

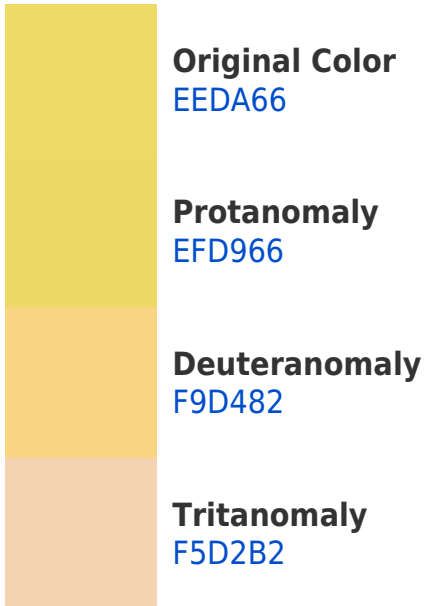
**Protanopia**  
F0D966

**Deuteranopia**  
FFD192

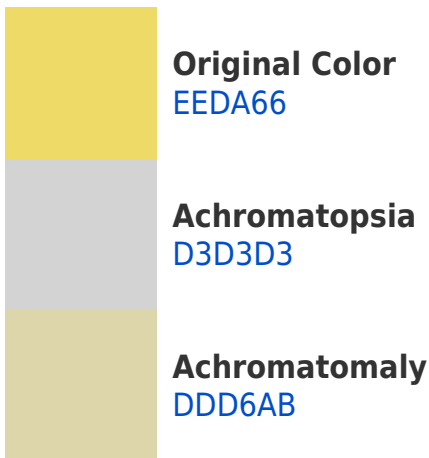


**Tritanopia**  
F9CDDD

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex EEDA66 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 #EEDA66 looks like.

```
.text, #text, p{  
    color:#EEDA66  
}
```

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 #EEDA66 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #EEDA66
}
```

## Border

The CSS property to change the border of an element to Hex EEDA66 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
#EEDA66 }
```

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

```
.border{ border-color:#EEDA66 }
```

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

Here you see how a box with a 4 pixel #EEDA66 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #EEDA66; -webkit-box-shadow:4px 4px  
4px 4px #EEDA66; box-shadow:4px 4px 4px  
4px #EEDA66 }
```

# Background

The CSS property to change the background color of an element to Hex EEDA66 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#EEDA66 }
```

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

```
.background{ background-color:#EEDA66 }
```

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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