

# Converting Colors

Hex(EDECEC)

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

<b>Hex(EDECEC)</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> .....	21
<i><b>Color Blindness Simulation</b></i> .....	24
<i><b>CSS Examples</b></i> .....	27

# **Color**

**Hex(EDECEC)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	EDECEC
RGB	237, 236, 236
RGB Percent	93%, 93%, 93%
CMY	0.0706, 0.0745, 0.0745
CMYK	0.00, 0.00, 0.00, 0.07
HSL	0°, 3%, 93%
HSV	0°, 0%, 93%
XYZ	80.0608, 84.0516, 91.3608
YIQ	236.2990, 0.5960, 0.2120

# Conversions

## Conversions Part 2

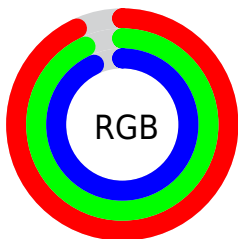
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	237, 236, 236
Decimal	15592684
CIE Lab	93.47, 0.34, 0.11
CIE LCh	93, 0.356, 17.673
Yxy	84.0516, 0.3134, 0.3290
Android (android.graphics.Color)	4293782764 (0xFFEDEC)
YUV	236.2990, -0.1474, 0.6148
Hunter-Lab	91.6796, -4.5612, 5.0919

# Details

The Hex color **EDECEC** is a light color, and the websafe version is hex **FFFFFF**. A complement of this color would be **ECEDED**, and the grayscale version is **ECECEC**.

A 20% lighter version of the original color is **FFFFFF**, and **B5B4B4** is the 20% darker color. If you saturate the color by 10%, you get **EDD4D4**, and if you desaturate by 10%, it is **EDFFFF**.

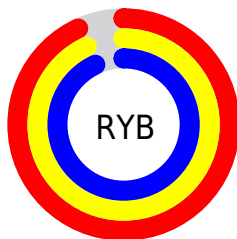
# Distribution



Red (93%)

Green (93%)

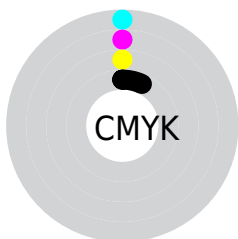
Blue (93%)



Red (93%)

Yellow (93%)

Blue (93%)

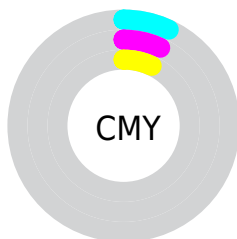


Cyan (0%)

Magenta (0%)

Yellow (0%)

Black (7%)



Cyan (7%)

Magenta (7%)

Yellow (7%)

# Brightness & Saturation Gradients

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



 EDECEC

FFFFFF

 EDECEC

 D1D0D0

 B5B4B4

 9A9999

 808080

 676767

 4F4F4F

 393838

 232222

 0D0C0C

 EDECEC

 EDECEC

 EDD4D4

 EDFFFF

 EDBDBD

 EDA5A5

 ED8D8D

 ED7676

 ED5E5E

 ED4646

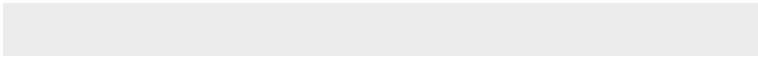
 ED2E2E

 ED1717

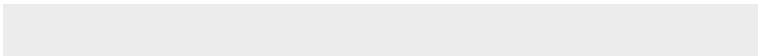
# Harmonies

# Triad

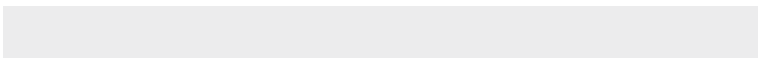
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



EDECEC



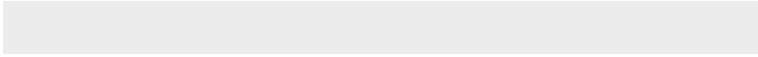
ECECEC



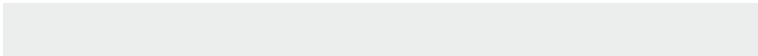
ECECED

# Complementary

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



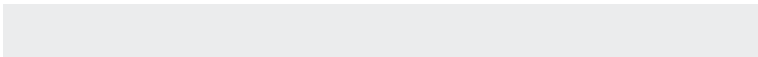
EDECEC



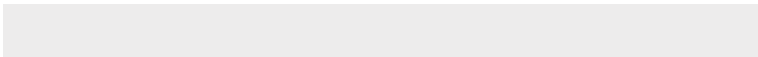
ECEDED

# Split Complementary

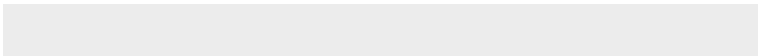
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



EBECED



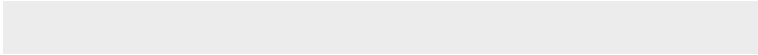
EDECEC



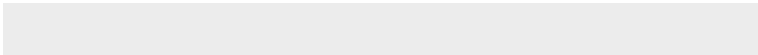
ECECEC

# Square

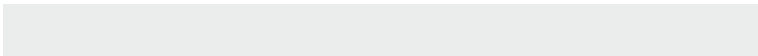
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



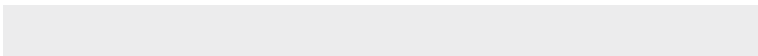
EDECEC



ECECEC



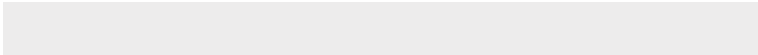
EBECEC



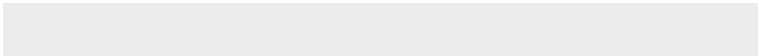
ECECED

# Rectangle

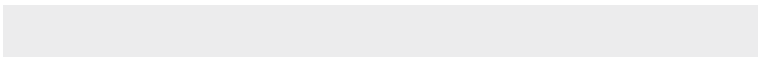
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



EDECEC



EBECEC

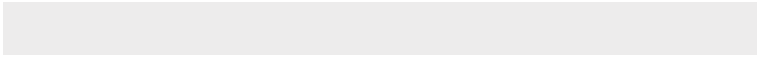


ECECED



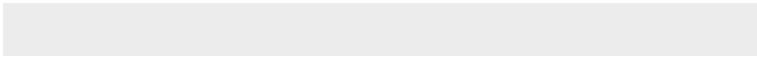
# Sweetspot

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



EDECEC

FFFFFF



EDECED



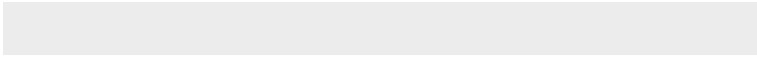
808080



000000

# Same Dimension

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



EDECEC



FFFCFC



757474



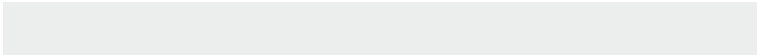
B50000



360000

# Inverse Universe

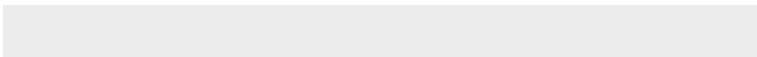
The Inverse Universe completely reimagines the original color for something new.



ECEDED



FCFFFF



ECECED



747575



00B5B5

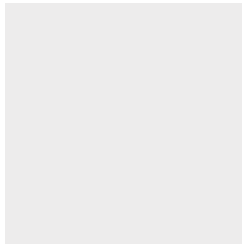


003636



# Previews

## White Background



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

## Color Contrast Check

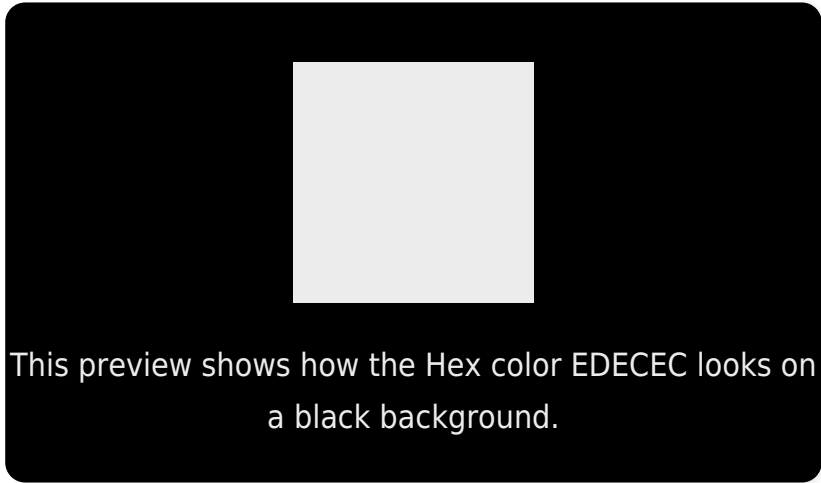
Large Text (above 18pt) WCAG AA × Fail

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

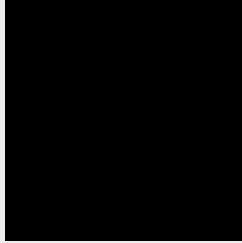
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

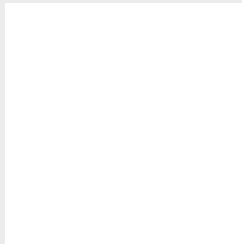
Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

## Hex EDECEC Background



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

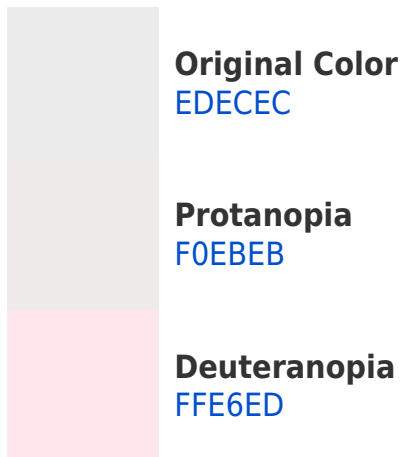


This preview shows how white text looks on a background with the Hex color EDECEC.

# 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](#).

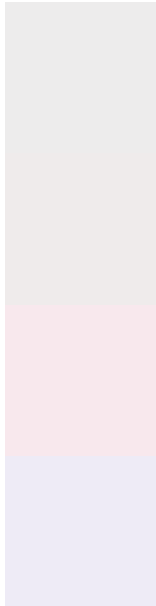
## Dichromacy







# Trichromacy



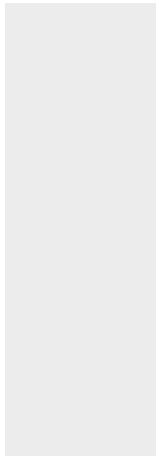
**Original Color**  
EDECEC

**Protanomaly**  
EFEFEB

**Deuteranomaly**  
F8E8ED

**Tritanomaly**  
EEEBF6

# Monochromacy



**Original Color**  
EDECEC

**Achromatopsia**  
ECECEC

**Achromatomaly**  
ECECEC

# CSS Examples

## Text

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

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

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 #EDECEC colored shadow looks like.

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

## Border

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

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

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

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

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

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

# Background

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

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

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

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

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

**[Learn more, Memberships starting at \\$2.50/m!](#)**

**Follow me  
on Twitter!**

@ConvertingColor