

Converting Colors

Hex(EED27B)

Have a look what the booklet for
Hex(EED27B) contains.

Hex(EED27B)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(EED27B)

Conversions

Conversions Part 1

Format	Color
Hex	EED27B
RGB	238, 210, 123
RGB Percent	93%, 82%, 48%
CMY	0.0667, 0.1765, 0.5176
CMYK	0.00, 0.12, 0.48, 0.07
HSL	45°, 77%, 71%
HSV	45°, 48%, 93%
XYZ	61.8816, 65.7004, 28.1588
YIQ	208.4540, 44.6150, -21.1210

Conversions

Conversions Part 2

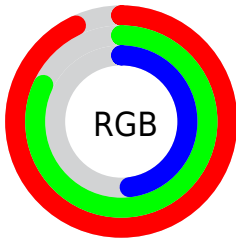
Format	Color
R _Y B	160, 238, 123
Decimal	15651451
CIE Lab	84.84, -1.31, 46.44
CIE LCh	85, 46.463, 91.621
Yxy	65.7004, 0.3973, 0.4219
Android (android.graphics.Color)	4293841531 (0xFFEED27B)
YUV	208.4540, -42.1288, 25.9118
Hunter-Lab	81.0558, -5.5727, 36.1417

Details

The Hex color **EED27B** is a light color, and the websafe version is hex **FFCC66**. A complement of this color would be **7B97EE**, and the grayscale version is **D1D1D1**.

A 20% lighter version of the original color is **FFFFB1**, and **B49C48** is the 20% darker color. If you saturate the color by 10%, you get **EECC63**, and if you desaturate by 10%, it is **EED893**.

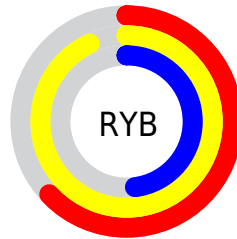
Distribution



Red (93%)

Green (82%)

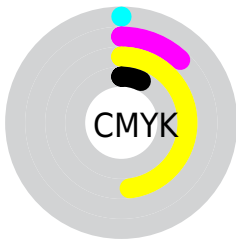
Blue (48%)



Red (63%)

Yellow (93%)

Blue (48%)

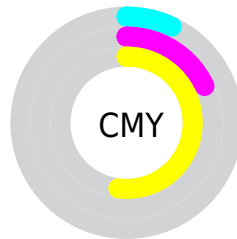


Cyan (0%)

Magenta (12%)

Yellow (48%)

Black (7%)



Cyan (7%)

Magenta (18%)

Yellow (52%)

Brightness & Saturation Gradients

These gradients show how the Hex color EED27B 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 EED27B by changing the saturation by 10% instead.

 EED27B

 EED27B

FFFFFF

 D1B661

 FFFFB1

 B49C48

 FFFFCF

 98822E

 FFFFE9

 7C6914

 615100

 483A00

 2E2500

 141100

 000000

 EED27B

 EED27B

 EECC63

 EED893

 EEC64B

 EEDEAB

 EEC134

 EEE3C2

 EEBB1C

 EEE9DA

 EEB504

 EEEFF2

 EEB400

 EEF5FF

 EEFBFF

 EEEFFF

Harmonies

Analogous

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



FFC388



EED27B



C0DF87

Triad

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



EED27B



00EAFB



FFB9FE

Complementary

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



EED27B



7B97EE

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.



DCC8FF



EED27B



3EE3FF

Square

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



EED27B



49EBD5



96D7FF



FFB1D3

Rectangle

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



EED27B



9DE59C



96D7FF



FFBDFE

Sweetspot

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



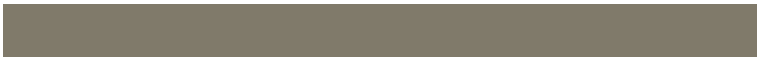
EED27B



FFF6DB



EE7B98



807A6A



000000



808080

Same Dimension

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



EED27B



FFDB6B



D1EE7B



78756C



B88B00



382A00

Inverse Universe

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



7B97EE



6B8FFF



987BEE



6C6F78



002DB8



000E38

Previews

White Background



This preview shows how the Hex color EED27B looks on a white background.

Color Contrast Check

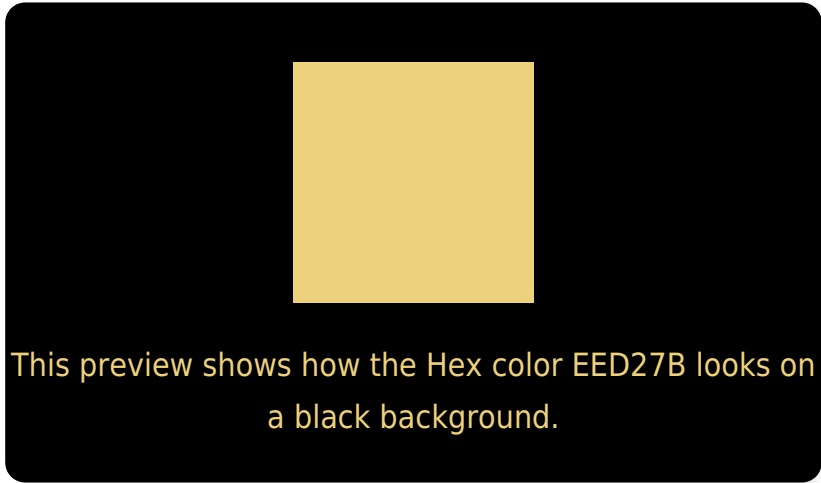
Large Text (above 18pt) WCAG AA × Fail

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 EED27B Background



This preview shows how black text looks on a background with the Hex color EED27B.

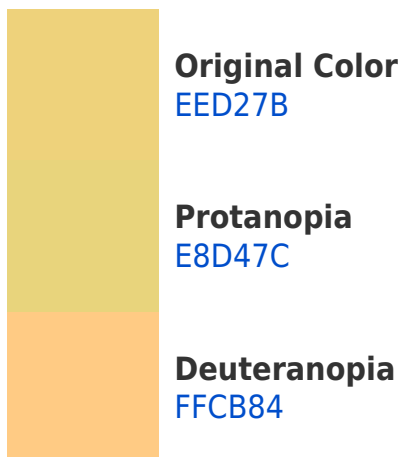


This preview shows how white text looks on a background with the Hex color EED27B.

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](#).

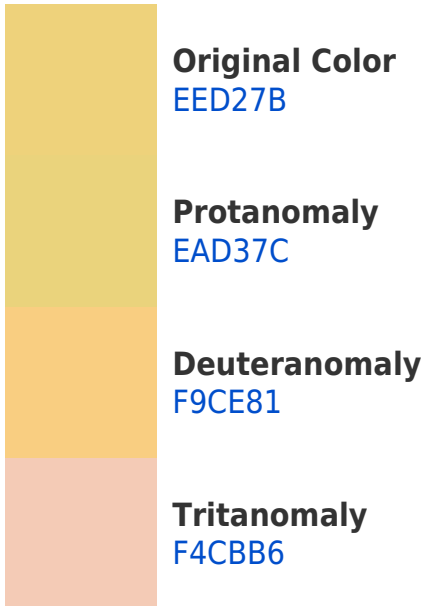
Dichromacy



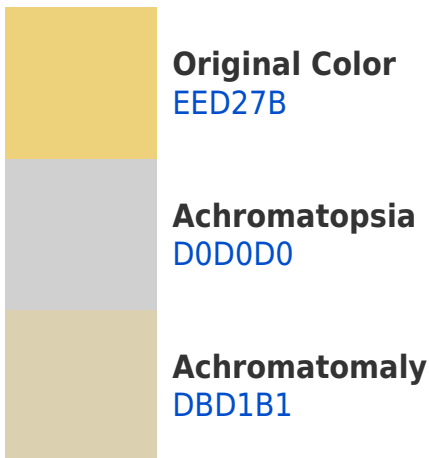


Tritanopia
F7C7D7

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex EED27B 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 #EED27B looks like.

```
.text, #text, p{  
    color:#EED27B  
}
```

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 #EED27B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #EED27B  
}
```

Border

The CSS property to change the border of an element to Hex EED27B 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  
#EED27B }
```

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

```
.border{ border-color:#EED27B }
```

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

Here you see how a box with a 4 pixel #EED27B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #EED27B; -webkit-box-shadow:4px 4px  
4px 4px #EED27B; box-shadow:4px 4px 4px  
4px #EED27B }
```

Background

The CSS property to change the background color of an element to Hex EED27B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#EED27B }
```

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

```
.background{ background-color:#EED27B }
```

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