

Converting Colors

Hex(3EDE72)

Have a look what the booklet for
Hex(3EDE72) contains.

Hex(3EDE72)	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(3EDE72)

Conversions

Conversions Part 1

Format	Color
Hex	3EDE72
RGB	62, 222, 114
RGB Percent	24%, 87%, 45%
CMY	0.7569, 0.1294, 0.5529
CMYK	0.72, 0.00, 0.49, 0.13
HSL	140°, 71%, 56%
HSV	140°, 72%, 87%
XYZ	31.1451, 54.4816, 24.7941
YIQ	161.8480, -60.6920, -67.5080

Conversions

Conversions Part 2

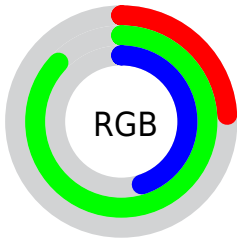
Format	Color
RYB	62, 183, 222
Decimal	4120178
CIELab	78.74, -63.66, 41.22
CIELCh	79, 75.838, 147.079
Yxy	54.4816, 0.2821, 0.4934
Android (android.graphics.Color)	4282310258 (0xFF3EDE72)
YUV	161.8480, -23.5891, -87.5667
Hunter-Lab	73.8116, -53.8515, 31.7520

Details

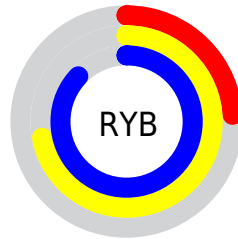
The Hex color **3E7272** is a dark color, and the websafe version is hex **336666**. The color can be described as dark muted spring green. A complement of this color would be **DE3EAA**, and the grayscale version is **A2A2A2**.

A 20% lighter version of the original color is **82FFA8**, and **00A53F** is the 20% darker color. If you saturate the color by 10%, you get **28DE63**, and if you desaturate by 10%, it is **54DE81**.

Distribution



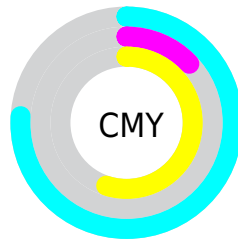
- Red (24%)
- Green (87%)
- Blue (45%)



- Red (24%)
- Yellow (72%)
- Blue (87%)



- Cyan (72%)
- Magenta (0%)
- Yellow (49%)
- Black (13%)



- Cyan (76%)
- Magenta (13%)
- Yellow (55%)

Brightness & Saturation Gradients

These gradients show how the Hex color 3EDE72 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 3EDE72 by changing the saturation by 10% instead.

 3EDE72

 3EDE72

FFFFFF

 00C158


 82FFA8

 00A53F

 A1FFC3

 008A26

 C0FFE0

 006F08

 DEFFFD

 005600

 FDFFFF

 003D00

 002500

 000000

 3EDE72

 3EDE72

 28DE63

 54DE81

 12DE54

 6ADE90

 00DE48

 81DE9F

 97DEAE

 ADDEBD

 C3DECC

 D9DEDB

 F0DEEA

 FFDEF9

Harmonies

Analogous

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



A8D237



3EDE72



00E4B9

Triad

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



3EDE72



00CDFE



FF8687

Complementary

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



3EDE72



DE3EAA

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.



FF7FCD



3EDE72



B6B3FF

Square

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



3EDE72



00DDFF



FF94FF



FFA14B

Rectangle

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



3EDE72



00E4EA



FF94FF



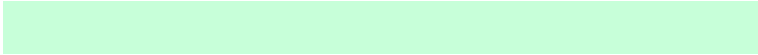
FF819E

Sweetspot

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



3EDE72



C7FFD9



ABDE3E



5E8069



000000



808080

Same Dimension

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



3EDE72



24FF6B



3EDEC1



657069



00B039



003010

Inverse Universe

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



DE3EAA



FF24B8



DE3E5B



70656D



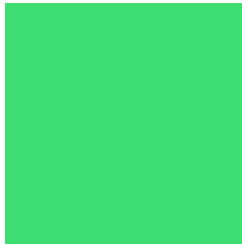
B00077



300021

Previews

White Background



This preview shows how the Hex color 3E7272 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 3E72E7 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

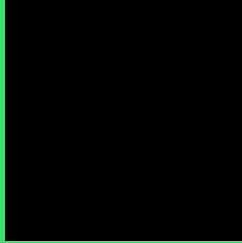
Any Text WCAG AA ✓ Pass

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 3E7272 Background



This preview shows how black text looks on a background with the Hex color 3E7272.

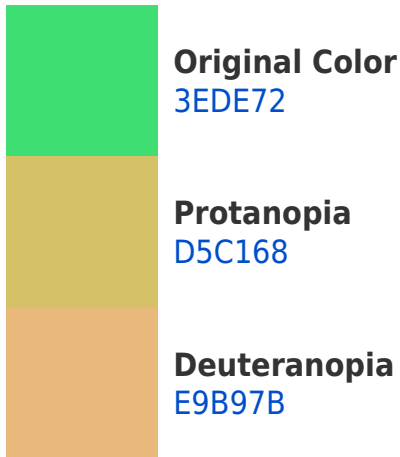


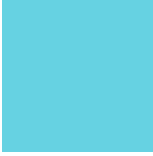
This preview shows how white text looks on a background with the Hex color 3E7272.

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](#).

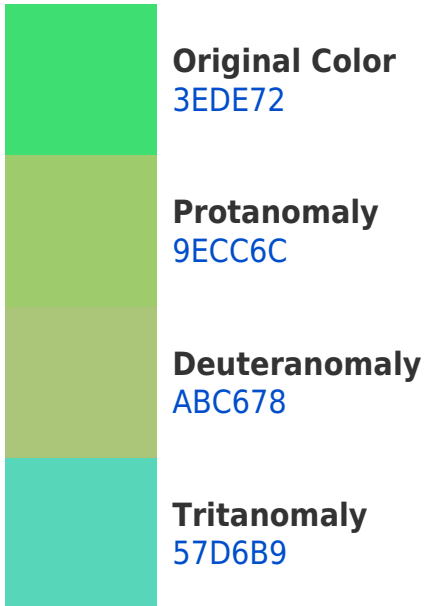
Dichromacy



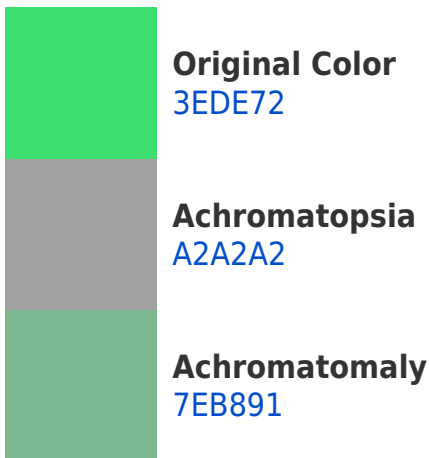


Tritanopia
66D2E2

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 3E72E3 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 #3E72E3 looks like.

```
.text, #text, p{  
  color:#3E72E3  
}
```

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 #3EDE72 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3EDE72
}
```

Border

The CSS property to change the border of an element to Hex 3EDE72 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
#3EDE72 }
```

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

```
.border{ border-color:#3EDE72 }
```

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

Here you see how a box with a 4 pixel #3EDE72 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3EDE72; -webkit-box-shadow:4px 4px  
4px 4px #3EDE72; box-shadow:4px 4px 4px  
4px #3EDE72 }
```

Background

The CSS property to change the background color of an element to Hex 3E72E3 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3E72E3 }
```

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

```
.background{ background-color:#3E72E3 }
```

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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