

Converting Colors

Hex(3ED232)

Have a look what the booklet for
Hex(3ED232) contains.

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Color

Hex(3ED232)

Conversions

Conversions Part 1

Format	Color
Hex	3ED232
RGB	62, 210, 50
RGB Percent	24%, 82%, 20%
CMY	0.7569, 0.1765, 0.8039
CMYK	0.70, 0.00, 0.76, 0.18
HSL	116°, 64%, 51%
HSV	116°, 76%, 82%
XYZ	25.6089, 47.3476, 10.8069
YIQ	147.5080, -36.8480, -81.1360

Conversions

Conversions Part 2

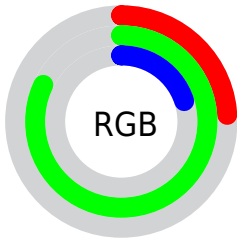
Format	Color
RYB	50, 210, 198
Decimal	4117042
CIELab	74.41, -66.77, 63.28
CIELCh	74, 91.991, 136.534
Yxy	47.3476, 0.3057, 0.5653
Android (android.graphics.Color)	4282307122 (0xFF3ED232)
YUV	147.5080, -48.0714, -74.9905
Hunter-Lab	68.8096, -53.9843, 38.8549

Details

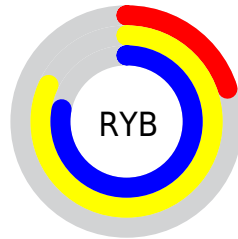
The Hex color **3ED232** is a dark color, and the websafe version is hex **33CC33**. The color can be described as dark muted green. A complement of this color would be **C632D2**, and the grayscale version is **949494**.

A 20% lighter version of the original color is **82FF6B**, and **009A00** is the 20% darker color. If you saturate the color by 10%, you get **2BD21D**, and if you desaturate by 10%, it is **51D247**.

Distribution



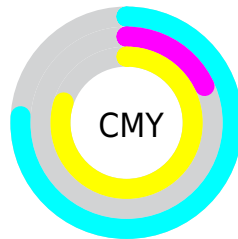
- Red (24%)
- Green (82%)
- Blue (20%)



- Red (20%)
- Yellow (82%)
- Blue (78%)



- Cyan (70%)
- Magenta (0%)
- Yellow (76%)
- Black (18%)



- Cyan (76%)
- Magenta (18%)
- Yellow (80%)

Brightness & Saturation Gradients

These gradients show how the Hex color 3ED232 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 3ED232 by changing the saturation by 10% instead.

 3ED232

 3ED232

FFFFFF

 00B60A

 82FF6B

 009A00

 A1FF87

 007F00

 C0FFA3

 006500

 DEFFC0

 004B00

 FDFD00

 003400

 FFFFAA

 001800

 000000

 3ED232

 3ED232

 2BD21D

 51D247

 17D208

 65D25C

 10D200

 78D271

 8CD286

 9FD29B

 B3D2B0

 C6D2C5

 D9D2DA

 EDD2EF

Harmonies

Analogous

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



B0C100



3ED232



00DA8D

Triad

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



3ED232



00CCFF



FF578C

Complementary

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



3ED232



C632D2

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.



FF5DE1



3ED232



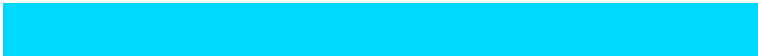
44B1FF

Square

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



3ED232



00D9FF



F488FF



FF7E3C

Rectangle

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



3ED232



00DCC8



F488FF



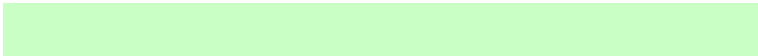
FF52A8

Sweetspot

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



3ED232



C9FFC4



D2C532



5E805C



000000



808080

Same Dimension

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



3ED232



28FF17



32D275



5F695E



0DA800



032900

Inverse Universe

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



C632D2



EE17FF



D2328F



685E69



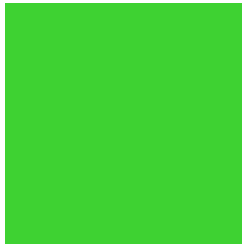
9C00A8



260029

Previews

White Background



This preview shows how the Hex color 3ED232 looks on a white background.

Color Contrast Check

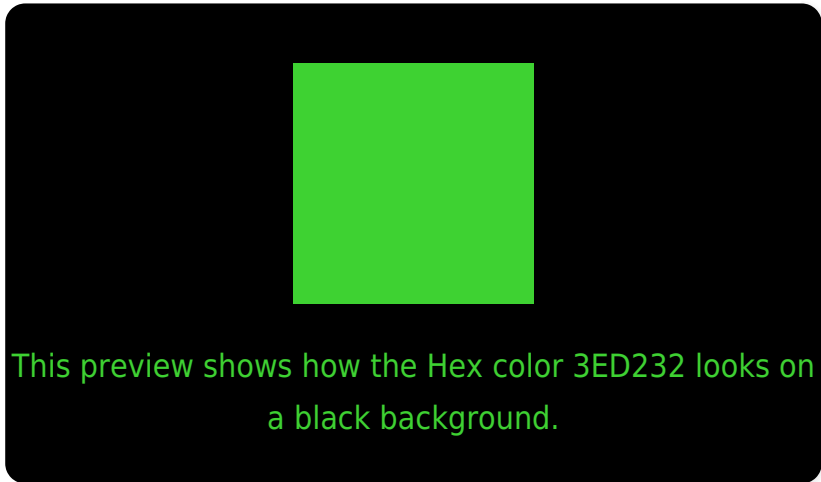
Large Text (above 18pt) WCAG AA × Fail

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

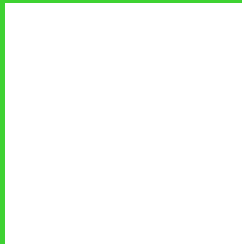
Any Text WCAG AAA ✓ Pass

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

Hex 3ED232 Background



This preview shows how black text looks on a background with the Hex color 3ED232.

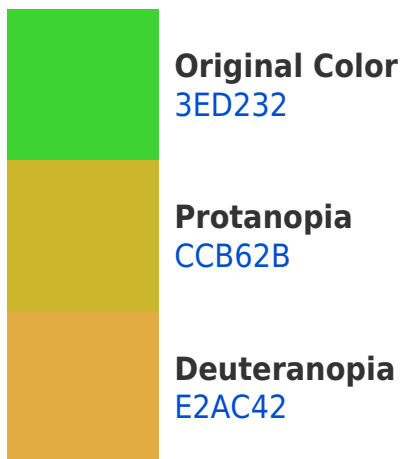


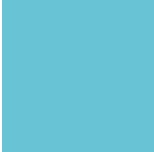
This preview shows how white text looks on a background with the Hex color 3ED232.

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
68C4D4

Trichromacy



Original Color
3ED232



Protanomaly
98C02E



Deuteranomaly
A6BA3C



Tritanomaly
59C999

Monochromacy



Original Color
3ED232



Achromatopsia
949494



Achromatomaly
75AB70

CSS Examples

Text

The CSS property to change the color of the text to Hex 3ED232 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 #3ED232 looks like.

```
.text, #text, p{  
    color:#3ED232  
}
```

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 #3ED232 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3ED232
}
```

Border

The CSS property to change the border of an element to Hex 3ED232 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
#3ED232 }
```

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

```
.border{ border-color:#3ED232 }
```

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

Here you see how a box with a 4 pixel #3ED232 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3ED232; -webkit-box-shadow:4px 4px  
4px 4px #3ED232; box-shadow:4px 4px 4px  
4px #3ED232 }
```

Background

The CSS property to change the background color of an element to Hex 3ED232 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3ED232 }
```

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

```
.background{ background-color:#3ED232 }
```

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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