

Converting Colors

Hex(9ED353)

Have a look what the booklet for
Hex(9ED353) contains.

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Color

Hex(9ED353)

Conversions

Conversions Part 1

Format	Color
Hex	9ED353
RGB	158, 211, 83
RGB Percent	62%, 83%, 33%
CMY	0.3804, 0.1725, 0.6745
CMYK	0.25, 0.00, 0.61, 0.17
HSL	85°, 59%, 58%
HSV	85°, 61%, 83%
XYZ	38.9561, 54.4822, 16.6465
YIQ	180.5610, 9.5000, -51.0440

Conversions

Conversions Part 2

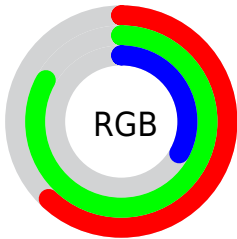
Format	Color
RYB	83, 211, 136
Decimal	10408787
CIELab	78.74, -36.96, 56.41
CIELCh	79, 67.439, 123.238
Yxy	54.4822, 0.3539, 0.4949
Android (android.graphics.Color)	4288598867 (0xFF9ED353)
YUV	180.5610, -48.0976, -19.7860
Hunter-Lab	73.8120, -34.9632, 38.2970

Details

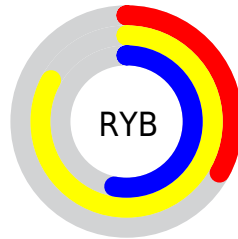
The Hex color **9ED353** is a light color, and the websafe version is hex **99CC33**. The color can be described as light muted chartreuse. A complement of this color would be **8853D3**, and the grayscale version is **B5B5B5**.

A 20% lighter version of the original color is **D7FF89**, and **679C19** is the 20% darker color. If you saturate the color by 10%, you get **95D33E**, and if you desaturate by 10%, it is **A7D368**.

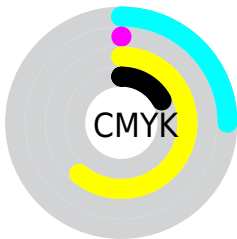
Distribution



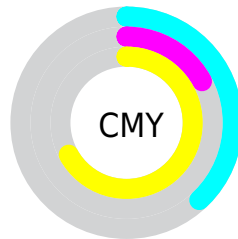
- Red (62%)
- Green (83%)
- Blue (33%)



- Red (33%)
- Yellow (83%)
- Blue (53%)



- Cyan (25%)
- Magenta (0%)
- Yellow (61%)
- Black (17%)



- Cyan (38%)
- Magenta (17%)
- Yellow (67%)

Brightness & Saturation Gradients

These gradients show how the Hex color 9ED353 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 9ED353 by changing the saturation by 10% instead.



9ED353



9ED353

FFFFFF



82B738



D7FF89



679C19



F5FFA5



4B8200



FFFFC1



2F6800



FFFFDD



105000



FFFFFB



003800



002400



000000



9ED353



9ED353

 95D33E

 A7D368

 8DD329

 AFD37D

 84D314

 B8D392

 7CD300

 C1D3A7

 CAD3BC

 D2D3D2

 DBD3E7

 E4D3FC

 EDD3FF

Harmonies

Analogous

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



DEC23B



9ED353



3ADD88

Triad

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



9ED353



00D8FF



FF89BF

Complementary

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



9ED353



8853D3

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.



FF96FD



9ED353



42C8FF

Square

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



9ED353



00E0FF



CEAFFF



FF9382

Rectangle

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



9ED353



00E1B2



CEAFFF



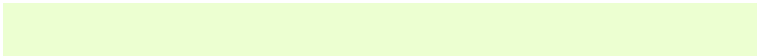
FF8BD4

Sweetspot

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



9ED353



ECFFD1



D38653



748063



000000



808080

Same Dimension

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



9ED353



B2FF45



60D353



64695E



63A800



182900

Inverse Universe

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



8853D3



9245FF



C653D3



625E69



4600A8



110029

Previews

White Background



This preview shows how the Hex color 9ED353 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 9ED353 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 9ED353 Background



This preview shows how black text looks on a background with the Hex color 9ED353.

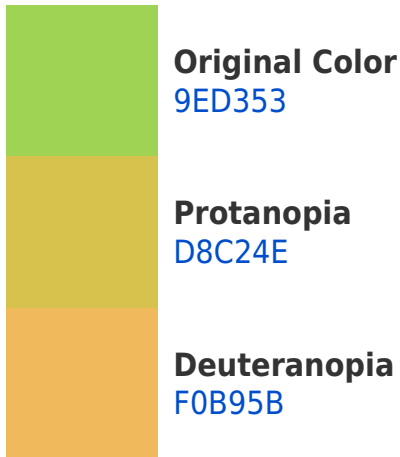


This preview shows how white text looks on a background with the Hex color 9ED353.

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](#).

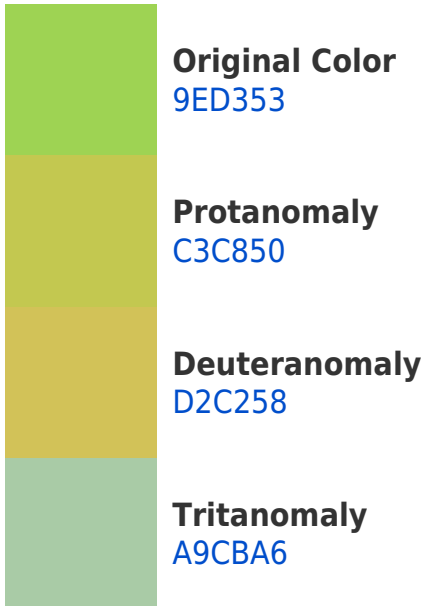
Dichromacy



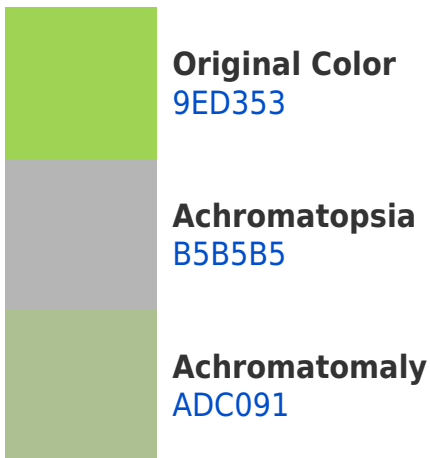


Tritanopia
AFC6D6

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 9ED353 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 #9ED353 looks like.

```
.text, #text, p{  
    color:#9ED353  
}
```

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 #9ED353 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9ED353
}
```

Border

The CSS property to change the border of an element to Hex 9ED353 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
#9ED353 }
```

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

```
.border{ border-color:#9ED353 }
```

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

Here you see how a box with a 4 pixel #9ED353 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #9ED353; -webkit-box-shadow:4px 4px  
4px 4px #9ED353; box-shadow:4px 4px 4px  
4px #9ED353 }
```

Background

The CSS property to change the background color of an element to Hex 9ED353 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9ED353 }
```

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

```
.background{ background-color:#9ED353 }
```

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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