

Converting Colors

Hex(9EDC56)

Have a look what the booklet for
Hex(9EDC56) contains.

Hex(9EDC56)	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(9EDC56)

Conversions

Conversions Part 1

Format	Color
Hex	9EDC56
RGB	158, 220, 86
RGB Percent	62%, 86%, 34%
CMY	0.3804, 0.1373, 0.6627
CMYK	0.28, 0.00, 0.61, 0.14
HSL	88°, 66%, 60%
HSV	88°, 61%, 86%
XYZ	41.3735, 59.1274, 18.0362
YIQ	186.1860, 6.0620, -54.8180

Conversions

Conversions Part 2

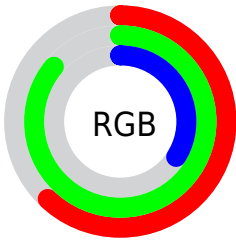
Format	Color
RYB	86, 220, 148
Decimal	10411094
CIELab	81.36, -40.73, 58.03
CIELCh	81, 70.892, 125.064
Yxy	59.1274, 0.3490, 0.4988
Android (android.graphics.Color)	4288601174 (0xFF9EDC56)
YUV	186.1860, -49.3917, -24.7191
Hunter-Lab	76.8943, -38.5221, 39.9191

Details

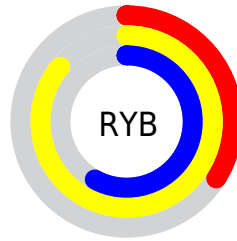
The Hex color **9EDC56** is a light color, and the websafe version is hex **99CC33**. The color can be described as light muted chartreuse. A complement of this color would be **9456DC**, and the grayscale version is **BBBBBB**.

A 20% lighter version of the original color is **D8FF8C**, and **66A51C** is the 20% darker color. If you saturate the color by 10%, you get **94DC40**, and if you desaturate by 10%, it is **A8DC6C**.

Distribution



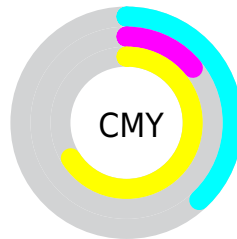
- Red (62%)
- Green (86%)
- Blue (34%)



- Red (34%)
- Yellow (86%)
- Blue (58%)



- Cyan (28%)
- Magenta (0%)
- Yellow (61%)
- Black (14%)



- Cyan (38%)
- Magenta (14%)
- Yellow (66%)

Brightness & Saturation Gradients

These gradients show how the Hex color 9EDC56 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 9EDC56 by changing the saturation by 10% instead.

 9EDC56

 9EDC56

FFFFFF

 82C03B

 D8FF8C

 66A51C

 F5FFA8

 4A8A00

 FFFFC4

 2D7000

 FFFFE1

 0A5700

 003F00

 002A00

 000900

 000000

 9EDC56

 9EDC56

 94DC40

 A8DC6C

 8ADC2A

 B2DC82

 7FDC14

 BDDC98

 76DC00

 C7DCAE

 D1DCC4

 DBDCDA

 E5DCF0

 EFDCFF

 FADCFF

Harmonies

Analogous

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



E3CA3A



9EDC56



25E68F

Triad

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



9EDC56



00E0FF



FF8DC2

Complementary

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



9EDC56



9456DC

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.



FF99FF



9EDC56



4DCEFF

Square

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



9EDC56



00E9FF



DCB4FF



FF9981

Rectangle

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



9EDC56



00EABD



DCB4FF



FF8ED8

Sweetspot

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



9EDC56



EAFD1



DC9256



738063



000000



808080

Same Dimension

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



9EDC56



A9FF45



5DDC56



696E63



5DAD00



192E00

Inverse Universe

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



9456DC



9B45FF



D556DC



68636E



5000AD



15002E

Previews

White Background



This preview shows how the Hex color 9EDC56 looks on a white background.

Color Contrast Check

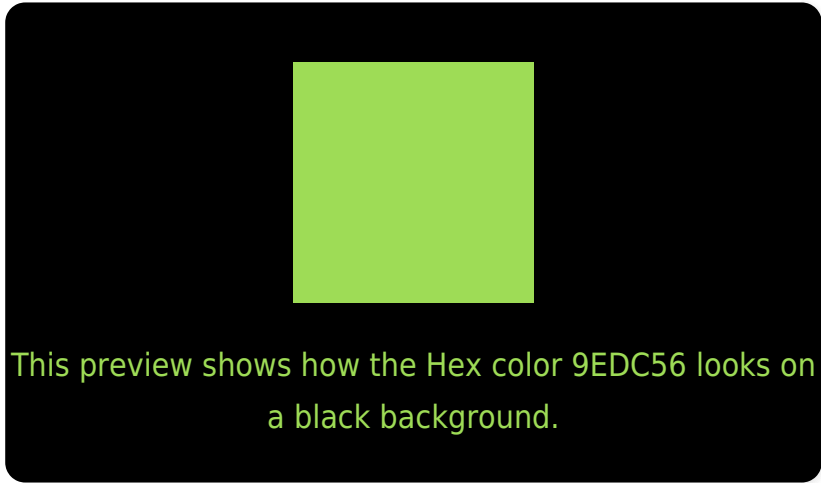
Large Text (above 18pt) WCAG AA × Fail

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 9EDC56 Background



This preview shows how black text looks on a background with the Hex color 9EDC56.

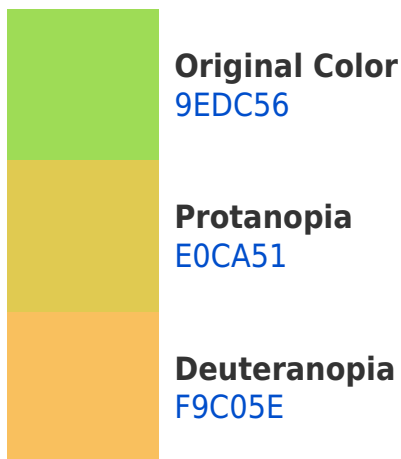


This preview shows how white text looks on a background with the Hex color 9EDC56.

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
9EDC56



Protanomaly
C8D153



Deuteranomaly
D8CA5B



Tritanomaly
AAD3AD

Monochromacy



Original Color
9EDC56



Achromatopsia
BABABA



Achromatomaly
B0C696

CSS Examples

Text

The CSS property to change the color of the text to Hex 9EDC56 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 #9EDC56 looks like.

```
.text, #text, p{  
    color:#9EDC56  
}
```

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 #9EDC56 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9EDC56
}
```

Border

The CSS property to change the border of an element to Hex 9EDC56 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
#9EDC56 }
```

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

```
.border{ border-color:#9EDC56 }
```

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

Here you see how a box with a 4 pixel #9EDC56 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #9EDC56; -webkit-box-shadow:4px 4px  
4px 4px #9EDC56; box-shadow:4px 4px 4px  
4px #9EDC56 }
```

Background

The CSS property to change the background color of an element to Hex 9EDC56 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9EDC56 }
```

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

```
.background{ background-color:#9EDC56 }
```

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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