

Converting Colors

Hex(95DE6F)

Have a look what the booklet for
Hex(95DE6F) contains.

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Color

Hex(95DE6F)

Conversions

Conversions Part 1

Format	Color
Hex	95DE6F
RGB	149, 222, 111
RGB Percent	58%, 87%, 44%
CMY	0.4157, 0.1294, 0.5647
CMYK	0.33, 0.00, 0.50, 0.13
HSL	99°, 63%, 65%
HSV	99°, 50%, 87%
XYZ	41.3849, 59.7798, 24.3964
YIQ	187.5190, -7.8770, -49.9970

Conversions

Conversions Part 2

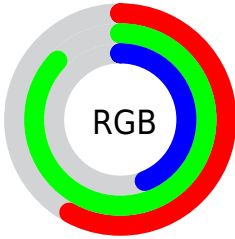
Format	Color
RYB	111, 222, 184
Decimal	9821807
CIELab	81.72, -42.23, 47.01
CIELCh	82, 63.189, 131.937
Yxy	59.7798, 0.3296, 0.4761
Android (android.graphics.Color)	4288011887 (0xFF95DE6F)
YUV	187.5190, -37.7239, -33.7812
Hunter-Lab	77.3174, -39.7615, 35.4141

Details

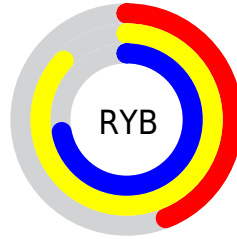
The Hex color **95DE6F** is a light color, and the websafe version is hex **99CC66**. A complement of this color would be **B86FDE**, and the grayscale version is **BCBCBC**.

A 20% lighter version of the original color is **CEFFA5**, and **5EA63B** is the 20% darker color. If you saturate the color by 10%, you get **86DE59**, and if you desaturate by 10%, it is **A4DE85**.

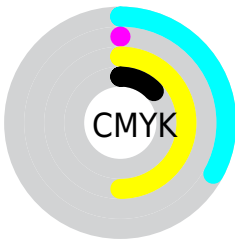
Distribution



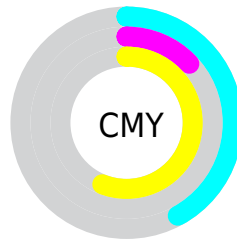
- Red (58%)
- Green (87%)
- Blue (44%)



- Red (44%)
- Yellow (87%)
- Blue (72%)



- Cyan (33%)
- Magenta (0%)
- Yellow (50%)
- Black (13%)



- Cyan (42%)
- Magenta (13%)
- Yellow (56%)

Brightness & Saturation Gradients

These gradients show how the Hex color 95DE6F 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 95DE6F by changing the saturation by 10% instead.

 95DE6F

 95DE6F

FFFFFF

 79C255

 CEFFA5

 5EA63B

 EBFFC1

 428C20

 FFFFDD

 247200

 FFFFFA

 005800

 004000

 002A00

 000C00

 000000

 95DE6F

 95DE6F

 86DE59

 A4DE85

 78DE43

 B2DE9B

 69DE2C

 C1DEB2

 5BDE16

 CFDEC8

 4CDE00

 DEDEDE

 EDDEF4

 FBDEFF

 FFDEFF

Harmonies

Analogous

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



D6D051



95DE6F



24E6A4

Triad

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



95DE6F



00DBFF



FF98B6

Complementary

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



95DE6F



B86FDE

Split Complementary

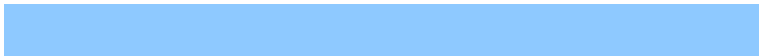
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



FF9DF1



95DE6F



8EC9FF

Square

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



95DE6F



00E6FF



EEB2FF



FFA57F

Rectangle

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



95DE6F



00E9CD



EEB2FF



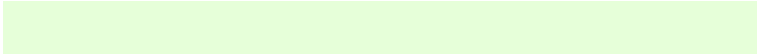
FF97CA

Sweetspot

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



95DE6F



E6FFD9



DEB76F



708069



000000



808080

Same Dimension

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



95DE6F



9AFF66



6FDE80



697065



3CB000



113000

Inverse Universe

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



B86FDE



CB66FF



DE6FCD



6C6570



7400B0



200030

Previews

White Background



This preview shows how the Hex color 95DE6F 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 95DE6F looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

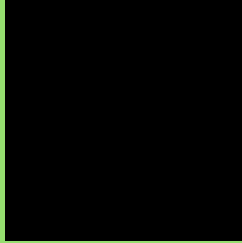
Any Text WCAG AA ✓ Pass

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 95DE6F Background



This preview shows how black text looks on a background with the Hex color 95DE6F.

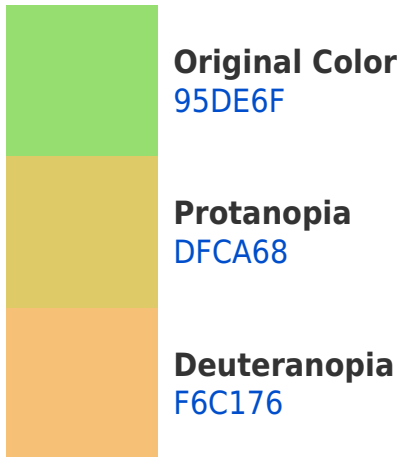


This preview shows how white text looks on a background with the Hex color 95DE6F.

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](#).

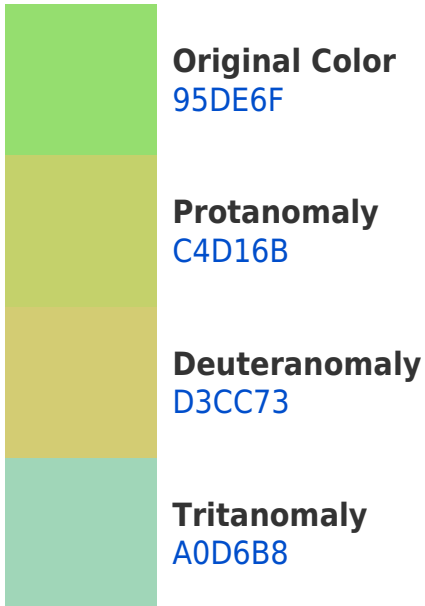
Dichromacy



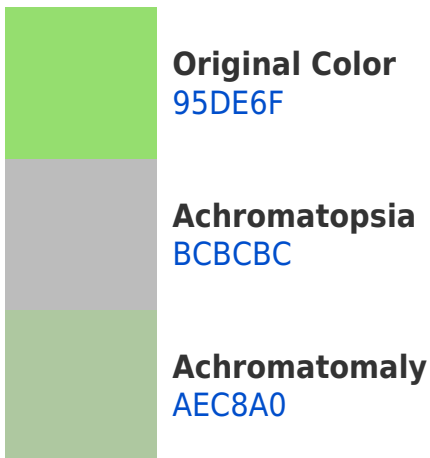


Tritanopia
A7D1E2

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 95DE6F 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 #95DE6F looks like.

```
.text, #text, p{  
    color:#95DE6F  
}
```

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 #95DE6F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #95DE6F
}
```

Border

The CSS property to change the border of an element to Hex 95DE6F 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
#95DE6F }
```

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

```
.border{ border-color:#95DE6F }
```

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

Here you see how a box with a 4 pixel #95DE6F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #95DE6F; -webkit-box-shadow:4px 4px  
4px 4px #95DE6F; box-shadow:4px 4px 4px  
4px #95DE6F }
```

Background

The CSS property to change the background color of an element to Hex 95DE6F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#95DE6F }
```

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

```
.background{ background-color:#95DE6F }
```

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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