

Converting Colors

Hex(96DE5D)

Have a look what the booklet for
Hex(96DE5D) contains.

Hex(96DE5D)	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(96DE5D)

Conversions

Conversions Part 1

Format	Color
Hex	96DE5D
RGB	150, 222, 93
RGB Percent	59%, 87%, 36%
CMY	0.4118, 0.1294, 0.6353
CMYK	0.32, 0.00, 0.58, 0.13
HSL	93°, 66%, 62%
HSV	93°, 58%, 87%
XYZ	40.6747, 59.5169, 19.7001
YIQ	185.7660, -1.5030, -55.3830

Conversions

Conversions Part 2

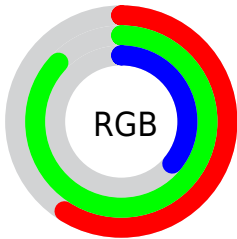
Format	Color
RYB	93, 222, 165
Decimal	9887325
CIELab	81.57, -43.79, 55.11
CIELCh	82, 70.394, 128.469
Yxy	59.5169, 0.3393, 0.4964
Android (android.graphics.Color)	4288077405 (0xFF96DE5D)
YUV	185.7660, -45.7336, -31.3668
Hunter-Lab	77.1472, -40.8961, 38.8629

Details

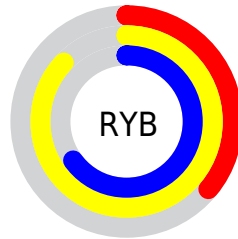
The Hex color **96DE5D** is a light color, and the websafe version is hex **99CC33**. The color can be described as light muted chartreuse. A complement of this color would be **A55DDE**, and the grayscale version is **BABABA**.

A 20% lighter version of the original color is **CFFF93**, and **5EA626** is the 20% darker color. If you saturate the color by 10%, you get **8ADE47**, and if you desaturate by 10%, it is **A2DE73**.

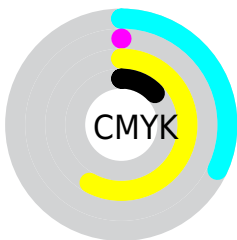
Distribution



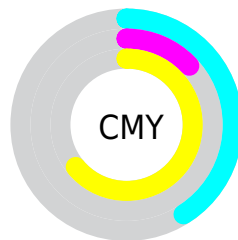
- Red (59%)
- Green (87%)
- Blue (36%)



- Red (36%)
- Yellow (87%)
- Blue (65%)



- Cyan (32%)
- Magenta (0%)
- Yellow (58%)
- Black (13%)



- Cyan (41%)
- Magenta (13%)
- Yellow (64%)

Brightness & Saturation Gradients

These gradients show how the Hex color 96DE5D 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 96DE5D by changing the saturation by 10% instead.

 96DE5D

 96DE5D

FFFFFF

 7AC242

 CFFF93

 5EA626

 EDFFAF

 428C00

 FFFFCB

 237200

 FFFFEB

 005800

 004000

 002B00

 000B00

 000000

 96DE5D

 96DE5D

 8ADE47

 A2DE73

 7DDE31

 AFDE89

 71DE1A

 BBDEA0

 64DE04

 C8DEB6

 62DE00

 D4DECC

 E0DEE2

 EDDEF8

 F9DEFF

 FFDEFF

Harmonies

Analogous

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



DDCD3C



96DE5D



00E798

Triad

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



96DE5D



00DFFF



FF8EBB

Complementary

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



96DE5D



A55DDE

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.



FF97FD



96DE5D



6ACCFE

Square

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



96DE5D



00E8FF



E7B1FF



FF9C7C

Rectangle

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



96DE5D



00EAC5



E7B1FF



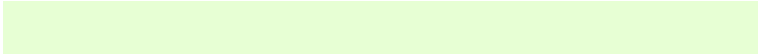
FF8ED1

Sweetspot

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



96DE5D



E7FFD4



DEA45D



718066



000000



808080

Same Dimension

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



96DE5D



9BFF4D



5DDE63



6A7065



4EB000



153000

Inverse Universe

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



A55DDE



B04DFF



DE5DD8



6B6570



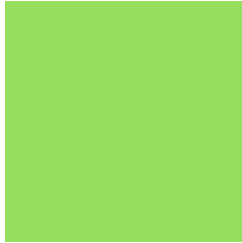
6200B0



1B0030

Previews

White Background



This preview shows how the Hex color 96DE5D looks on a white background.

Color Contrast Check

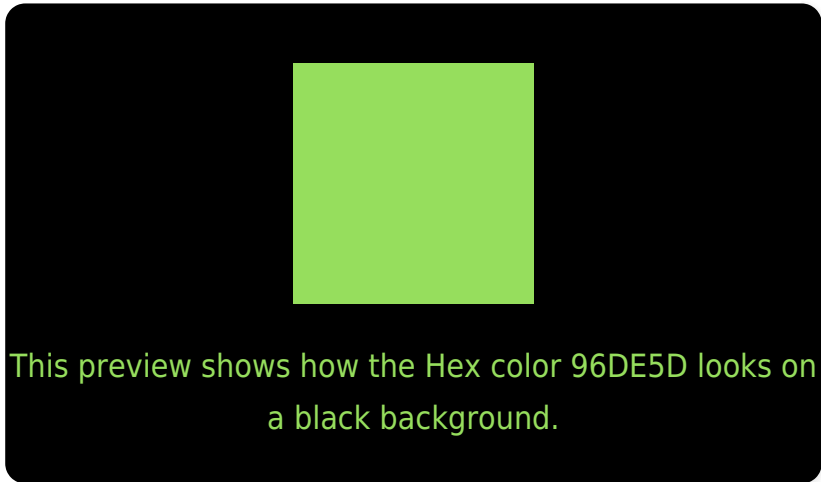
Large Text (above 18pt) WCAG AA × Fail

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 96DE5D Background



This preview shows how black text looks on a background with the Hex color 96DE5D.

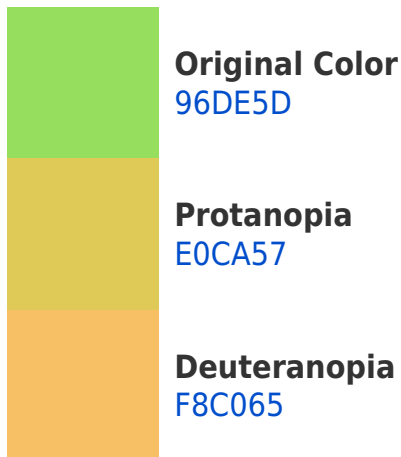


This preview shows how white text looks on a background with the Hex color 96DE5D.

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](#).

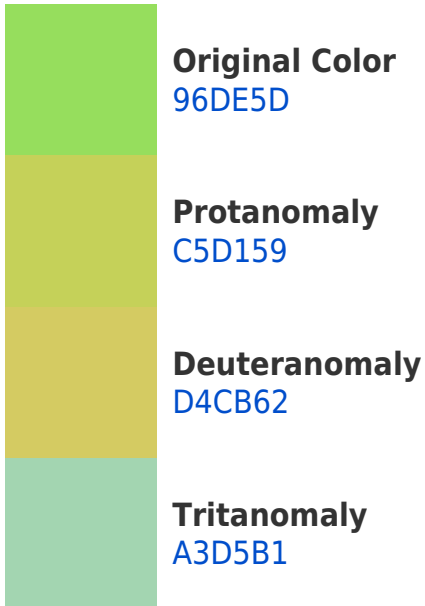
Dichromacy



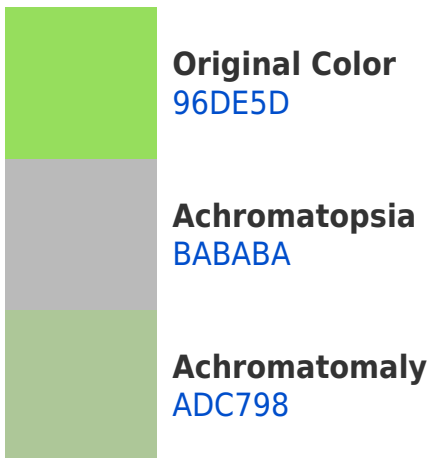


Tritanopia
AAD0E1

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 96DE5D 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 #96DE5D looks like.

```
.text, #text, p{  
    color:#96DE5D  
}
```

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 #96DE5D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #96DE5D
}
```

Border

The CSS property to change the border of an element to Hex 96DE5D 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
#96DE5D }
```

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

```
.border{ border-color:#96DE5D }
```

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

Here you see how a box with a 4 pixel #96DE5D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #96DE5D; -webkit-box-shadow:4px 4px  
4px 4px #96DE5D; box-shadow:4px 4px 4px  
4px #96DE5D }
```

Background

The CSS property to change the background color of an element to Hex 96DE5D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#96DE5D }
```

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

```
.background{ background-color:#96DE5D }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor