

Converting Colors

Hex(96C074)

Have a look what the booklet for
Hex(96C074) contains.

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Color

Hex(96C074)

Conversions

Conversions Part 1

Format	Color
Hex	96C074
RGB	150, 192, 116
RGB Percent	59%, 75%, 45%
CMY	0.4118, 0.2471, 0.5451
CMYK	0.22, 0.00, 0.40, 0.25
HSL	93°, 38%, 60%
HSV	93°, 40%, 75%
XYZ	34.5797, 45.4443, 23.4721
YIQ	170.7780, -0.6360, -32.5400

Conversions

Conversions Part 2

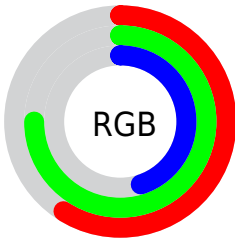
Format	Color
RYB	116, 192, 158
Decimal	9879668
CIELab	73.18, -27.47, 33.84
CIELCh	73, 43.589, 129.065
Yxy	45.4443, 0.3341, 0.4391
Android (android.graphics.Color)	4288069748 (0xFF96C074)
YUV	170.7780, -27.0056, -18.2223
Hunter-Lab	67.4124, -26.4086, 26.5447

Details

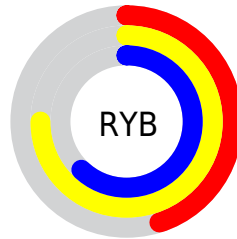
The Hex color **96C074** is a light color, and the websafe version is hex **99CC66**. A complement of this color would be **9E74C0**, and the grayscale version is **ABABAB**.

A 20% lighter version of the original color is **CDF9A9**, and **618A42** is the 20% darker color. If you saturate the color by 10%, you get **8BC061**, and if you desaturate by 10%, it is **A1C087**.

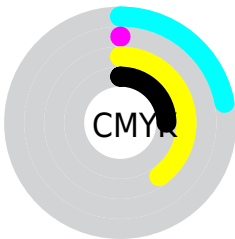
Distribution



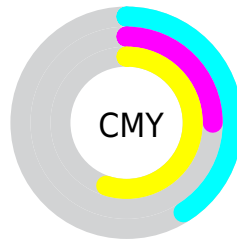
- Red (59%)
- Green (75%)
- Blue (45%)



- Red (45%)
- Yellow (75%)
- Blue (62%)



- Cyan (22%)
- Magenta (0%)
- Yellow (40%)
- Black (25%)



- Cyan (41%)
- Magenta (25%)
- Yellow (55%)

Brightness & Saturation Gradients

These gradients show how the Hex color 96C074 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 96C074 by changing the saturation by 10% instead.



96C074



96C074

FFFFFF



7BA55B



CDF9A9



618A42



EAFFC4



48712A



FFFFE1



2F5812

FFFFFFE



174000



002A00



001300



000000



96C074



96C074

 8BC061

 A1C087

 81C04E

 ABC09A

 76C03A

 B6C0AE

 6CC027

 C0C0C1

 61C014

 CBC0D4

 56C001

 D6C0E7

 56C000

 E0C0FA

 EBC0FF

 F5C0FF

Harmonies

Analogous

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



C1B563



96C074



62C796

Triad

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



96C074



37C0FE



FF94A9

Complementary

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



96C074



9E74C0

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.



EF98D1



96C074



8BB4FF

Square

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



96C074



00C7E5



C8A5F2



FB9A83

Rectangle

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



96C074



33C9B1



C8A5F2



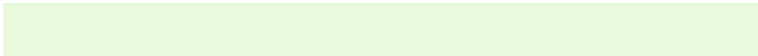
FD94B7

Sweetspot

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



96C074



E9FADC



C09E74



737D6B



FCFCFC



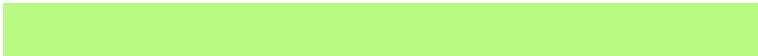
7D7D7D

Same Dimension

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



96C074



B8FA82



74C078



5C6157



48A100



0F2100

Inverse Universe

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



9E74C0



C482FA



C074BC



5D5761



5900A1



120021

Previews

White Background



This preview shows how the Hex color 96C074 looks on a white background.

Color Contrast Check

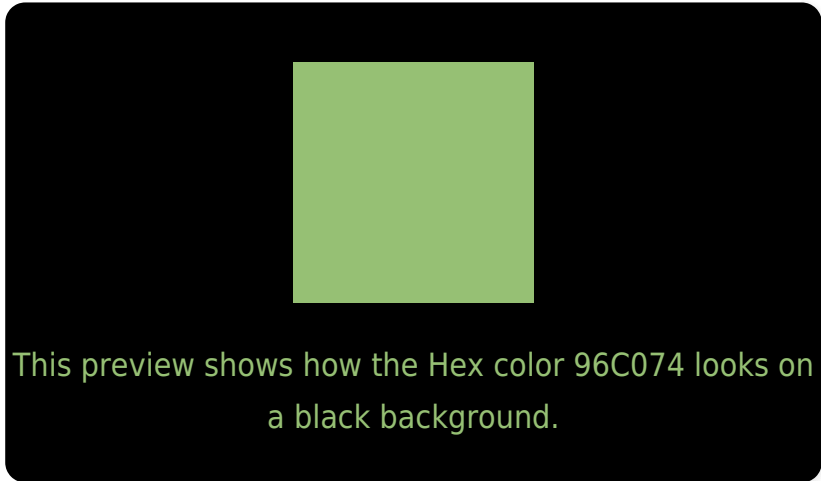
Large Text (above 18pt) WCAG AA × Fail

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 96C074 Background



This preview shows how black text looks on a background with the Hex color 96C074.

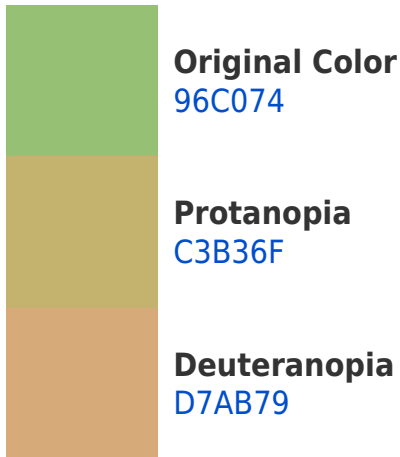


This preview shows how white text looks on a background with the Hex color 96C074.

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



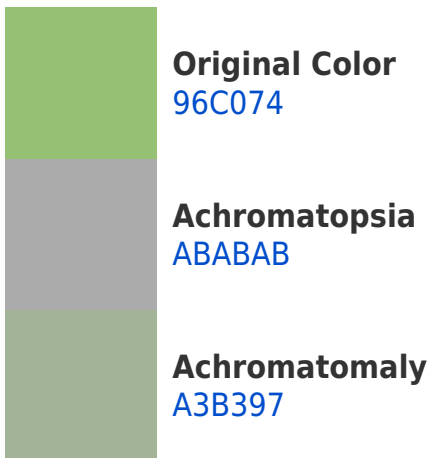


Tritanopia
A2B6C5

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 96C074 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 #96C074 looks like.

```
.text, #text, p{  
    color:#96C074  
}
```

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 #96C074 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #96C074
}
```

Border

The CSS property to change the border of an element to Hex 96C074 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
#96C074 }
```

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

```
.border{ border-color:#96C074 }
```

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

Here you see how a box with a 4 pixel #96C074 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #96C074; -webkit-box-shadow:4px 4px  
4px 4px #96C074; box-shadow:4px 4px 4px  
4px #96C074 }
```

Background

The CSS property to change the background color of an element to Hex 96C074 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#96C074 }
```

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

```
.background{ background-color:#96C074 }
```

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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