

Converting Colors

Hex(DECA94)

Have a look what the booklet for
Hex(DECA94) contains.

Hex(DECA94)	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(DECA94)

Conversions

Conversions Part 1

Format	Color
Hex	DECA94
RGB	222, 202, 148
RGB Percent	87%, 79%, 58%
CMY	0.1294, 0.2078, 0.4196
CMYK	0.00, 0.09, 0.33, 0.13
HSL	44°, 53%, 73%
HSV	44°, 33%, 87%
XYZ	56.5900, 59.9088, 36.5979
YIQ	201.8240, 29.2540, -12.5540

Conversions

Conversions Part 2

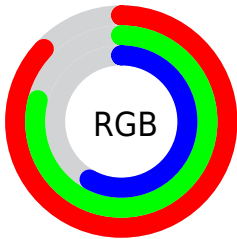
Format	Color
RYB	175, 222, 148
Decimal	14600852
CIELab	81.79, -0.87, 29.54
CIELCh	82, 29.556, 91.685
Yxy	59.9088, 0.3696, 0.3913
Android (android.graphics.Color)	4292790932 (0xFFDECA94)
YUV	201.8240, -26.5352, 17.6944
Hunter-Lab	77.4008, -4.9446, 26.1461

Details

The Hex color **DECA94** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **94A8DE**, and the grayscale version is **CACACA**.

A 20% lighter version of the original color is **FFFCA**, and **A69461** is the 20% darker color. If you saturate the color by 10%, you get **DEC47E**, and if you desaturate by 10%, it is **DED0AA**.

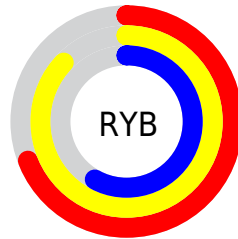
Distribution



Red (87%)

Green (79%)

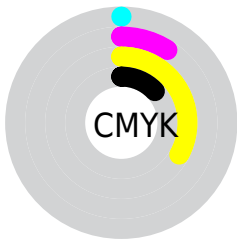
Blue (58%)



Red (69%)

Yellow (87%)

Blue (58%)

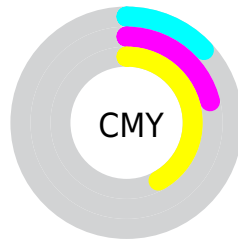


Cyan (0%)

Magenta (9%)

Yellow (33%)

Black (13%)



Cyan (13%)

Magenta (21%)

Yellow (42%)

Brightness & Saturation Gradients

These gradients show how the Hex color DECA94 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 DECA94 by changing the saturation by 10% instead.

 DECA94

FFFFFF

 FFFFC A

 FFFF E7

 DECA94

 C2AF7A

 A69461


 8B7A48

 706231

 574A1A

 3E3402

 271F00

 080700

 000000

 DECA94

 DECA94

 DEC47E

 DED0AA

 DEBE68

 DED6C0

 DEB851

 DEDCD7

 DEB23B

 DEE2ED

 DEAC25

 DEE8FF

 DEA60F

 DEEEFF

 DEA200

 DEF4FF

 DEFAFF

 DEFFFF

Harmonies

Analogous

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



F6C19B



DECA94



C0D29C

Triad

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



DECA94



79DAE7



F0BBE6

Complementary

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



DECA94



94A8DE

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.



D2C4FA



DECA94



88D5FB

Square

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



DECA94



84DBCC



ABCDFE



FFB7CB

Rectangle

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



DECA94



ABD7A8



ABCDFE



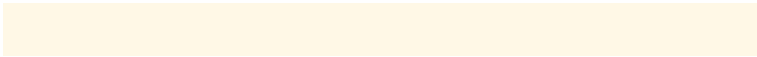
E7BEE8

Sweetspot

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



DECA94



FFF8E6



DE94A9



807B70



000000



808080

Same Dimension

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



DECA94



FFE399



CEDE94



706D65



B08000



302300

Inverse Universe

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



94A8DE



99B5FF



A494DE



656870



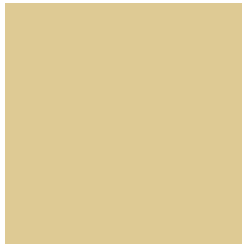
0030B0



000D30

Previews

White Background



This preview shows how the Hex color DECA94 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 DECA94 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

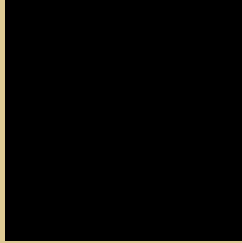
Any Text WCAG AA ✓ Pass

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 DECA94 Background



This preview shows how black text looks on a background with the Hex color DECA94.

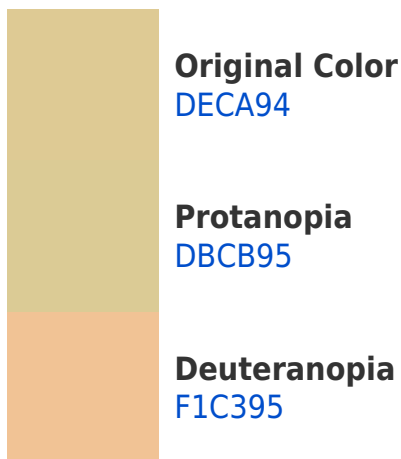


This preview shows how white text looks on a background with the Hex color DECA94.

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](#).

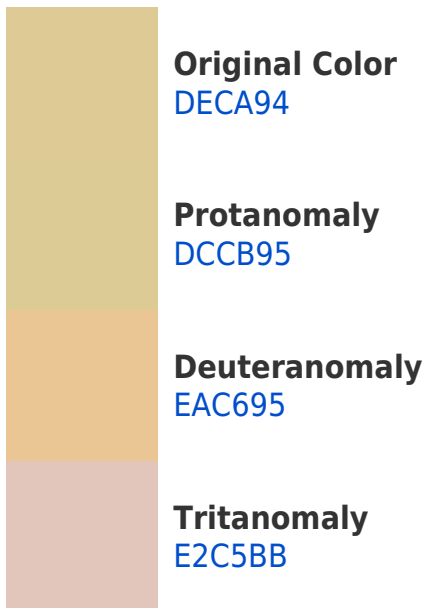
Dichromacy



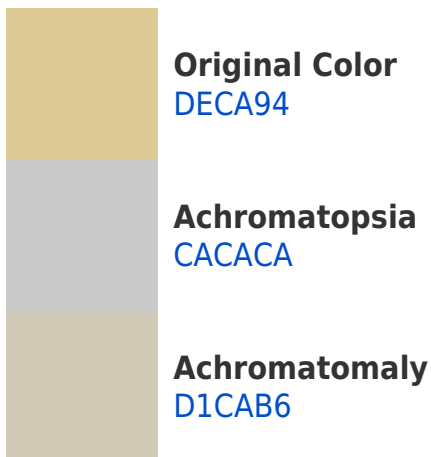


Tritanopia
E5C2D1

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex DECA94 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 #DECA94 looks like.

```
.text, #text, p{  
    color:#DECA94  
}
```

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 #DECA94 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #DECA94
}
```

Border

The CSS property to change the border of an element to Hex DECA94 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
#DECA94 }
```

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

```
.border{ border-color:#DECA94 }
```

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

Here you see how a box with a 4 pixel #DECA94 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #DECA94; -webkit-box-shadow:4px 4px  
4px 4px #DECA94; box-shadow:4px 4px 4px  
4px #DECA94 }
```

Background

The CSS property to change the background color of an element to Hex DECA94 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#DECA94 }
```

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

```
.background{ background-color:#DECA94 }
```

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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