

# Converting Colors

Hex(DEC773)

Have a look what the booklet for  
Hex(DEC773) contains.

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**Color**

**Hex(DEC773)**

# Conversions

## Conversions Part 1

Format	Color
Hex	DEC773
RGB	222, 199, 115
RGB Percent	87%, 78%, 45%
CMY	0.1294, 0.2196, 0.5490
CMYK	0.00, 0.10, 0.48, 0.13
HSL	47°, 62%, 66%
HSV	47°, 48%, 87%
XYZ	53.6421, 57.6142, 24.5131
YIQ	196.3010, 40.6720, -21.2480

# Conversions

## Conversions Part 2

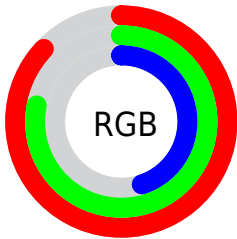
<b>Format</b>	<b>Color</b>
<b>RYB</b>	144, 222, 115
Decimal	14600051
CIELab	80.52, -2.85, 44.75
CIELCh	81, 44.843, 93.647
Yxy	57.6142, 0.3951, 0.4244
Android (android.graphics.Color)	4292790131 (0xFFDEC773)
YUV	196.3010, -40.0814, 22.5380
Hunter-Lab	75.9040, -6.6844, 33.9852

# Details

The Hex color **DEC773** is a light color, and the websafe version is hex **CCCC66**. A complement of this color would be **738ADE**, and the grayscale version is **C5C5C5**.

A 20% lighter version of the original color is **FFFA8**, and **A59140** is the 20% darker color. If you saturate the color by 10%, you get **DEC25D**, and if you desaturate by 10%, it is **DECC89**.

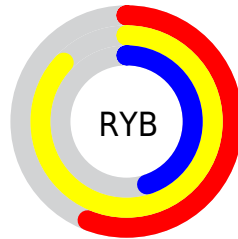
# Distribution



Red (87%)

Green (78%)

Blue (45%)



Red (56%)

Yellow (87%)

Blue (45%)

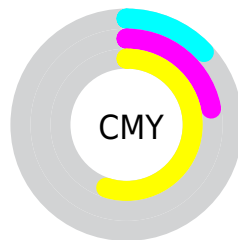


Cyan (0%)

Magenta (10%)

Yellow (48%)

Black (13%)



Cyan (13%)

Magenta (22%)

Yellow (55%)

# Brightness & Saturation Gradients

These gradients show how the Hex color DEC773 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 DEC773 by changing the saturation by 10% instead.



 DEC773

 DEC773

FFFFFF

 C1AC59

 FFFFA8

 A59140

 FFFFC4

 897827

 FFFFEO

 6E5F0B

FFFFFFD

 544800

 3B3200

 221D00

 000400

 000000

 DEC773

 DEC773

 DEC25D

 DECC89

 DEBD47

 DED19F

 DEB930

 DED5B6

 DEB41A

 DEDACC

 DEAF04

 DEDFE2

 DEAE00

 DEE4F8

 DEE8FF

 DEEDFF

 DEF2FF

# Harmonies

## Analogous

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



FFB87E



DEC773



B2D380

# Triad

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



DEC773



00DDF5



FFAEE

# Complementary

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



DEC773



738ADE

# 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.



D3BBFF



DEC773



3ED6FF

# Square

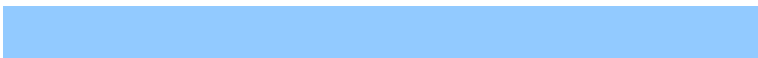
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



DEC773



3DDECC



92CAFF



FFA7C4

# Rectangle

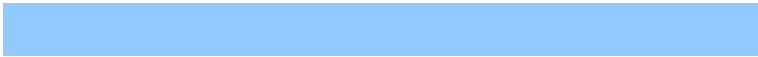
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



DEC773



90D995



92CAFF



F4B1FA

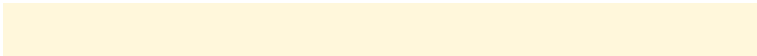


# Sweetspot

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



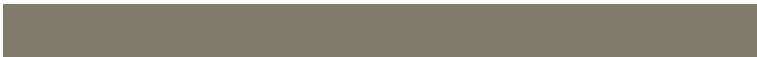
DEC773



FFF7DB



DE738A



807B6A



000000



808080



# Same Dimension

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



DEC773



FFDF6B



CODE73



706E65



B08A00



302600



# Inverse Universe

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



738ADE



6B8BFF



9173DE



656770



0026B0



000A30



# Previews

## White Background



This preview shows how the Hex color DEC773 looks on a white background.

## Color Contrast Check

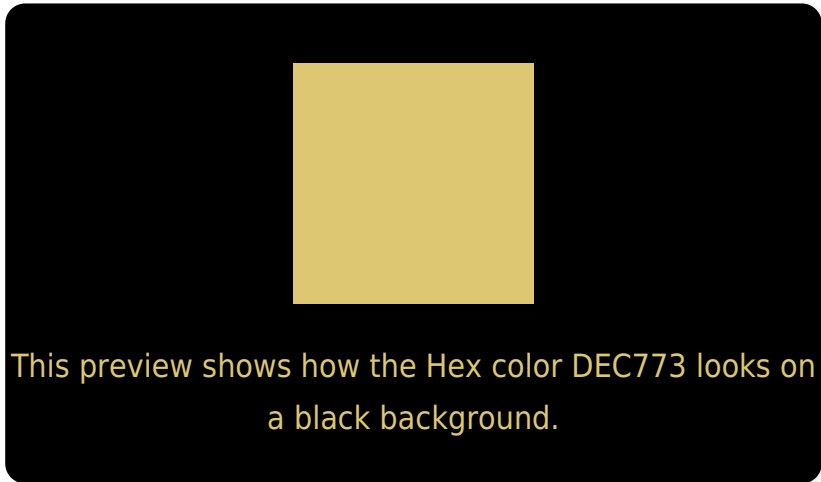
Large Text (above 18pt) WCAG AA × Fail

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 DEC773 Background



This preview shows how black text looks on a background with the Hex color DEC773.



This preview shows how white text looks on a background with the Hex color DEC773.

# 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



**Original Color**  
DEC773

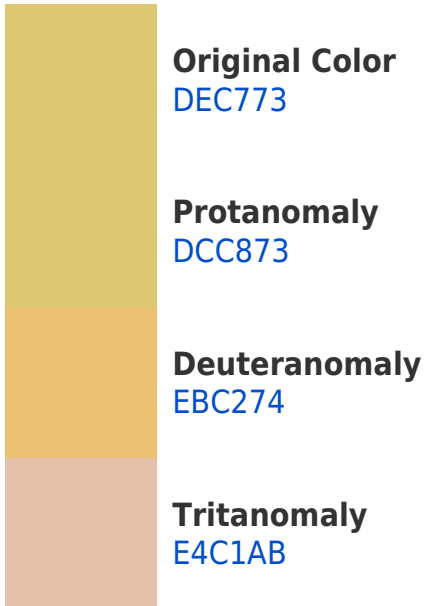
**Protanopia**  
DBC873

**Deuteranopia**  
F3BF75

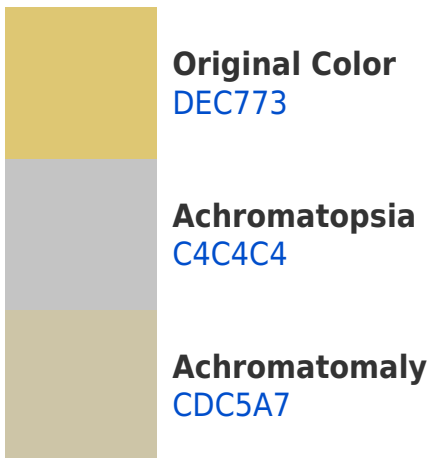


**Tritanopia**  
E7BDCB

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex DEC773 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 #DEC773 looks like.

```
.text, #text, p{  
    color:#DEC773  
}
```

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 #DEC773 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #DEC773
}
```

## Border

The CSS property to change the border of an element to Hex DEC773 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
#DEC773 }
```

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

```
.border{ border-color:#DEC773 }
```

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

Here you see how a box with a 4 pixel #DEC773 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #DEC773; -webkit-box-shadow:4px 4px  
4px 4px #DEC773; box-shadow:4px 4px 4px  
4px #DEC773 }
```

# Background

The CSS property to change the background color of an element to Hex DEC773 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#DEC773 }
```

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

```
.background{ background-color:#DEC773 }
```

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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