

# Converting Colors

Hex(DEC045)

Have a look what the booklet for  
Hex(DEC045) contains.

<b>Hex(DEC045)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

**Color**

**Hex(DEC045)**

# Conversions

## Conversions Part 1

Format	Color
Hex	DEC045
RGB	222, 192, 69
RGB Percent	87%, 75%, 27%
CMY	0.1294, 0.2471, 0.7294
CMYK	0.00, 0.14, 0.69, 0.13
HSL	48°, 70%, 57%
HSV	48°, 69%, 87%
XYZ	50.0480, 53.6585, 13.3495
YIQ	186.9480, 57.3630, -31.8930

# Conversions

## Conversions Part 2

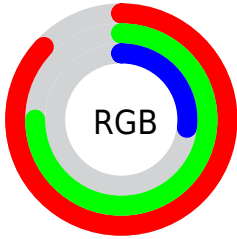
<b>Format</b>	<b>Color</b>
<b>RYB</b>	106, 222, 69
Decimal	14598213
CIELab	78.26, -2.55, 63.16
CIELCh	78, 63.215, 92.308
Yxy	53.6585, 0.4276, 0.4584
Android (android.graphics.Color)	4292788293 (0xFFDEC045)
YUV	186.9480, -58.1484, 30.7406
Hunter-Lab	73.2520, -6.2343, 40.4713

# Details

The Hex color **DEC045** is a light color, and the websafe version is hex **FFCC66**. The color can be described as light muted yellow. A complement of this color would be **4563DE**, and the grayscale version is **BBBBBB**.

A 20% lighter version of the original color is **FFF87B**, and **A38B00** is the 20% darker color. If you saturate the color by 10%, you get **DEBC2F**, and if you desaturate by 10%, it is **DEC45B**.

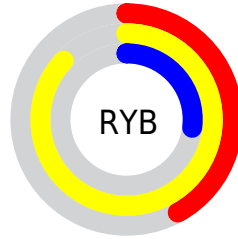
# Distribution



Red (87%)

Green (75%)

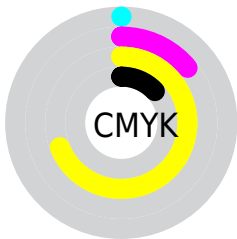
Blue (27%)



Red (42%)

Yellow (87%)

Blue (27%)

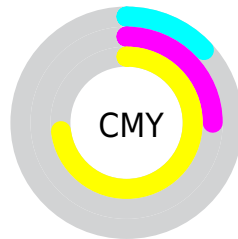


Cyan (0%)

Magenta (14%)

Yellow (69%)

Black (13%)



Cyan (13%)

Magenta (25%)

Yellow (73%)

# Brightness & Saturation Gradients

These gradients show how the Hex color DEC045 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 DEC045 by changing the saturation by 10% instead.



 DEC045

 DEC045

FFFFFF

 C0A528

 FFF87B

 A38B00

 FFFF97

 877200

 FFFFB3

 6B5900

 FFFFFD0

 4F4200

 FFFFED

 352D00

 1D1800

 000000

 DEC045

 DEC045

 DEBC2F

 DEC45B

 DEB719

 DEC971

 DEB302

 DECD88

 DEB200

 DED19E

 DED6B4

 DEDACA

 DEDEE0

 DEE3F7

 DEE7FF

# Harmonies

## Analogous

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



FFAA59



DEC045



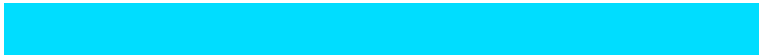
A2D059

# Triad

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



DEC045



00DDFF



FF99F9

# Complementary

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



DEC045



4563DE

# 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.



CAB0FF



DEC045



00D6FF

# Square

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



DEC045



00DFC4



4FC7FF



FF8DBF

# Rectangle

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



DEC045



70D877



4FC7FF



FBA0FF



# Sweetspot

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



DEC045



FFF4C9



DE4564



807960



000000



808080



# Same Dimension

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



DEC045



FFD52B



B0DE45



706E65



B08D00



302700



# Inverse Universe

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



4563DE



2B55FF



7345DE



656770



0023B0



000A30



# Previews

## White Background



This preview shows how the Hex color DEC045 looks on a white background.

## Color Contrast Check

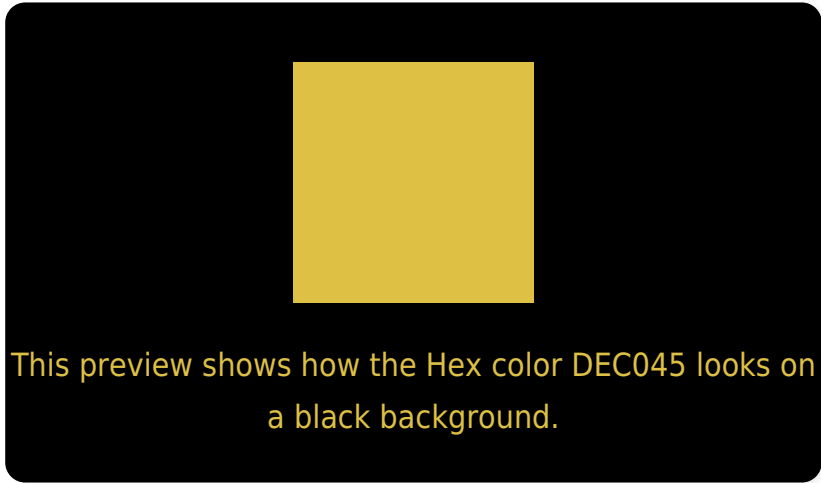
Large Text (above 18pt) WCAG AA × Fail

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 DEC045 Background



This preview shows how black text looks on a background with the Hex color DEC045.

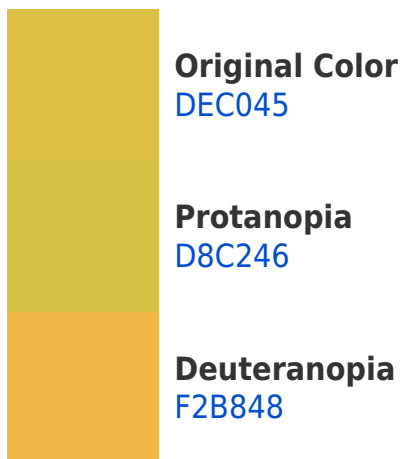


This preview shows how white text looks on a background with the Hex color DEC045.

# 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](#).

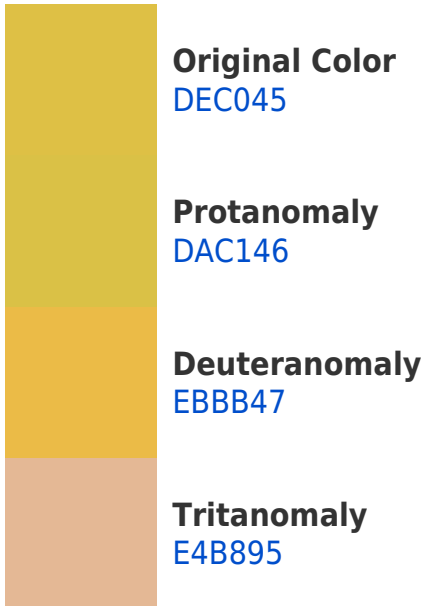
## Dichromacy





**Tritanopia**  
E8B4C2

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex DEC045 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 #DEC045 looks like.

```
.text, #text, p{  
    color:#DEC045  
}
```

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 #DEC045 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #DEC045
}
```

## Border

The CSS property to change the border of an element to Hex DEC045 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
#DEC045 }
```

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

```
.border{ border-color:#DEC045 }
```

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

Here you see how a box with a 4 pixel #DEC045 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #DEC045; -webkit-box-shadow:4px 4px  
4px 4px #DEC045; box-shadow:4px 4px 4px  
4px #DEC045 }
```

# Background

The CSS property to change the background color of an element to Hex DEC045 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#DEC045 }
```

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

```
.background{ background-color:#DEC045 }
```

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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