

# Converting Colors

Hex(DEC164)

Have a look what the booklet for  
Hex(DEC164) contains.

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# **Color**

**Hex(DEC164)**

# Conversions

## Conversions Part 1

Format	Color
Hex	DEC164
RGB	222, 193, 100
RGB Percent	87%, 76%, 39%
CMY	0.1294, 0.2431, 0.6078
CMYK	0.00, 0.13, 0.55, 0.13
HSL	46°, 65%, 63%
HSV	46°, 55%, 87%
XYZ	51.4944, 54.5896, 19.8794
YIQ	191.0690, 47.1370, -22.7750

# Conversions

## Conversions Part 2

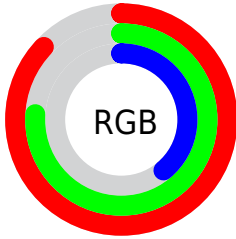
Format	Color
<a href="#">RYB</a>	<a href="#">138, 222, 100</a>
Decimal	<a href="#">14598500</a>
CIELab	<a href="#">78.80, -1.03, 50.00</a>
CIELCh	<a href="#">79, 50.006, 91.180</a>
Yxy	<a href="#">54.5896, 0.4088, 0.4334</a>
Android (android.graphics.Color)	<a href="#">4292788580 (0xFFDEC164)</a>
YUV	<a href="#">191.0690, -44.8970, 27.1265</a>
Hunter-Lab	<a href="#">73.8848, -4.8918, 35.7668</a>

# Details

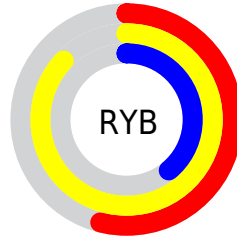
The Hex color **DEC164** is a light color, and the websafe version is hex **FFCC66**. A complement of this color would be **6481DE**, and the grayscale version is **BFBFBF**.

A 20% lighter version of the original color is **FFF999**, and **A48C31** is the 20% darker color. If you saturate the color by 10%, you get **DEBC4E**, and if you desaturate by 10%, it is **DEC67A**.

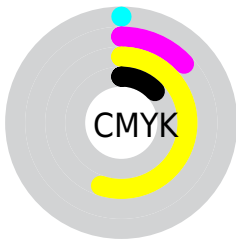
# Distribution



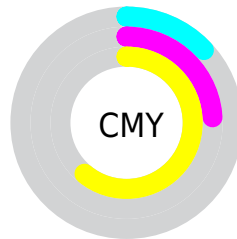
- Red (87%)
- Green (76%)
- Blue (39%)



- Red (54%)
- Yellow (87%)
- Blue (39%)



- Cyan (0%)
- Magenta (13%)
- Yellow (55%)
- Black (13%)



- Cyan (13%)
- Magenta (24%)
- Yellow (61%)

# Brightness & Saturation Gradients

These gradients show how the Hex color DEC164 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 DEC164 by changing the saturation by 10% instead.



 DEC164

 DEC164

FFFFFF

 C1A64A

 FFF999

 A48C31

 FFFFFB5

 887215

 FFFFFD1

 6D5A00

 FFFFFED

 534300

 382D00

 201900

 000000

 DEC164

 DEC164

 DEBC4E

 DEC67A

 DEB638

 DECC90

 DEB121

 DED1A7

 DEAC0B

 DED6BD

 DEA900

 DEDBD3

 DEE1E9

 DEE6FF

 DEEBFF

 DEF0FF

# Harmonies

## Analogous

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



FFB072



DEC164



AECF71

# Triad

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



DEC164



00DAF2



FEA6F1

# Complementary

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



DEC164



6481DE

# Split Complementary

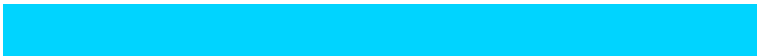
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



C9B6FF



DEC164



00D4FF

# Square

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



DEC164



00DBC3



7AC7FF



FF9DC3

# Rectangle

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



DEC164



89D587



7AC7FF



F0ABFE



# Sweetspot

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



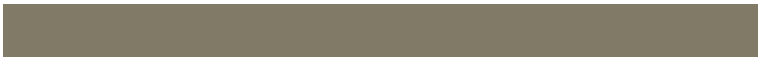
DEC164



FFF5D6



DE6483



807A67



000000



808080



# Same Dimension

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



DEC164



FFD757



CODE64



706E65



B08600



302500



# Inverse Universe

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



6481DE



577FFF



8364DE



656870



002AB0

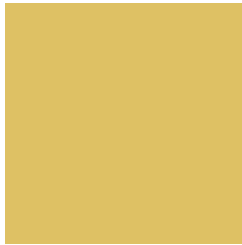


000C30



# Previews

## White Background



This preview shows how the Hex color DEC164 looks on a white background.

## Color Contrast Check

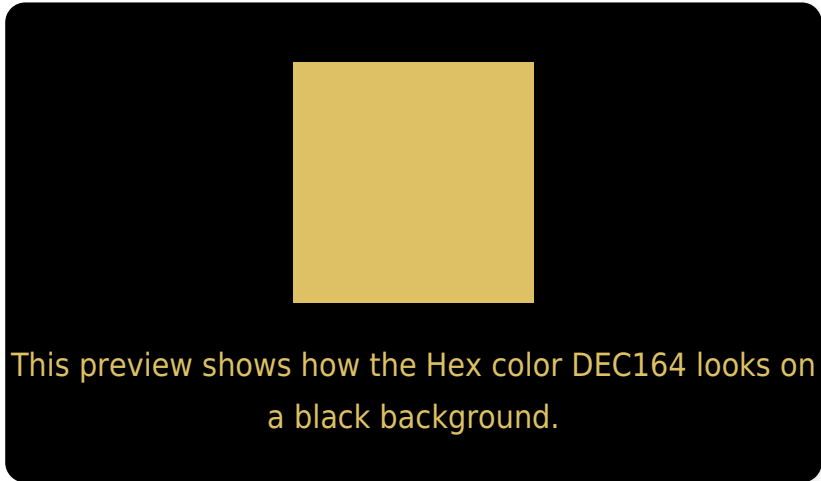
Large Text (above 18pt) WCAG AA × Fail

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 DEC164 Background



This preview shows how black text looks on a background with the Hex color DEC164.



This preview shows how white text looks on a background with the Hex color DEC164.

# 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](#).

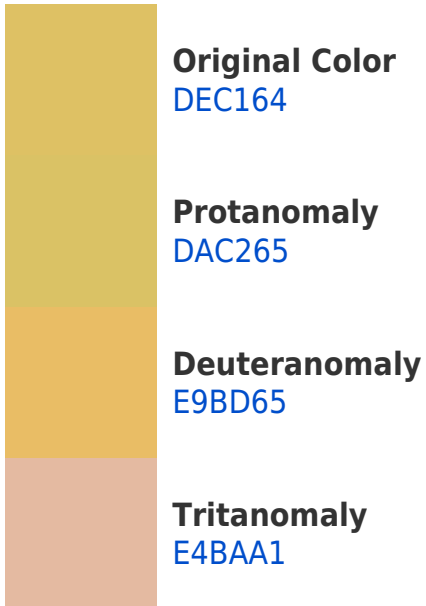
## Dichromacy





**Tritanopia**  
E7B6C4

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex DEC164 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 #DEC164 looks like.

```
.text, #text, p{  
    color:#DEC164  
}
```

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 #DEC164 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #DEC164
}
```

## Border

The CSS property to change the border of an element to Hex DEC164 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
#DEC164 }
```

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

```
.border{ border-color:#DEC164 }
```

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

Here you see how a box with a 4 pixel #DEC164 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #DEC164; -webkit-box-shadow:4px 4px  
4px 4px #DEC164; box-shadow:4px 4px 4px  
4px #DEC164 }
```

# Background

The CSS property to change the background color of an element to Hex DEC164 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#DEC164 }
```

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

```
.background{ background-color:#DEC164 }
```

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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