

# Converting Colors

Hex(DDC276)

Have a look what the booklet for  
Hex(DDC276) contains.

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# **Color**

**Hex(DDC276)**

# Conversions

## Conversions Part 1

Format	Color
Hex	DDC276
RGB	221, 194, 118
RGB Percent	87%, 76%, 46%
CMY	0.1333, 0.2392, 0.5373
CMYK	0.00, 0.12, 0.47, 0.13
HSL	44°, 60%, 66%
HSV	44°, 47%, 87%
XYZ	52.3806, 55.2637, 25.0458
YIQ	193.4090, 40.4880, -17.9120

# Conversions

## Conversions Part 2

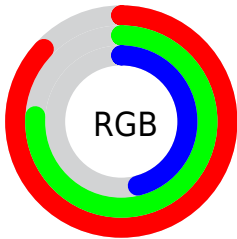
Format	Color
<a href="#">RYB</a>	<a href="#">155, 221, 118</a>
Decimal	<a href="#">14533238</a>
CIELab	<a href="#">79.19, -0.38, 41.58</a>
CIELCh	<a href="#">79, 41.585, 90.524</a>
Yxy	<a href="#">55.2637, 0.3948, 0.4165</a>
Android (android.graphics.Color)	<a href="#">4292723318 (0xFFDDC276)</a>
YUV	<a href="#">193.4090, -37.1766, 24.1973</a>
Hunter-Lab	<a href="#">74.3396, -4.3209, 32.0623</a>

# Details

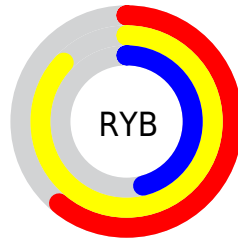
The Hex color **DDC276** is a light color, and the websafe version is hex **CCCC66**. A complement of this color would be **7691DD**, and the grayscale version is **C2C2C2**.

A 20% lighter version of the original color is **FFFAAB**, and **A48D44** is the 20% darker color. If you saturate the color by 10%, you get **DDBC60**, and if you desaturate by 10%, it is **DDC88C**.

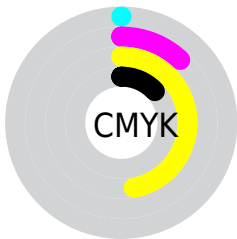
# Distribution



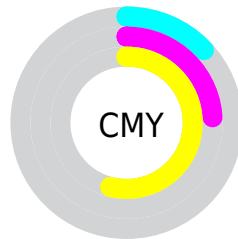
- Red (87%)
- Green (76%)
- Blue (46%)



- Red (61%)
- Yellow (87%)
- Blue (46%)



- Cyan (0%)
- Magenta (12%)
- Yellow (47%)
- Black (13%)



- Cyan (13%)
- Magenta (24%)
- Yellow (54%)

# Brightness & Saturation Gradients

These gradients show how the Hex color DDC276 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 DDC276 by changing the saturation by 10% instead.





DDC276



DDC276

FFFFFF



C0A75C



FFFAAB



A48D44



FFFFC7



88732B



FFFFEE



6D5B12



534400



3A2E00



211900



000000



DDC276



DDC276

 DDBC60

 DDC88C

 DDB64A

 DDCEA2

 DDB134

 DDD3B8

 DDAB1E

 DDD9CE

 DDA508

 DDDFE5

 DDA300

 DDE5FB

 DDEBFF

 DDF0FF

 DDF6FF

# Harmonies

## Analogous

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



FDB582



DDC276



B5CE80

# Triad

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



DDC276



1ED8EA



F5ADEB

# Complementary

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



DDC276



7691DD

# 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.



C9BAFF



DDC276



48D2FF

# Square

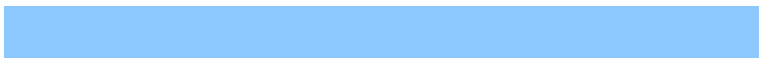
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



DDC276



52D9C4



8DC8FF



FFA6C5

# Rectangle

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



DDC276



96D392



8DC8FF



E9B1F6



# Sweetspot

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



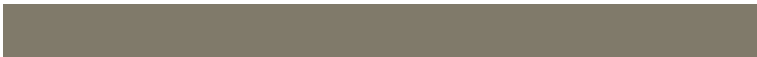
DDC276



FFF6DB



DD7691



807A6A



000000



808080



# Same Dimension

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



DDC276



FFDA70



C5DD76



6E6B63



AD8000



2E2200



# Inverse Universe

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



7691DD



7096FF



8E76DD



63666E



002DAD



000C2E



# Previews

## White Background



This preview shows how the Hex color DDC276 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 DDC276 Background



This preview shows how black text looks on a background with the Hex color DDC276.

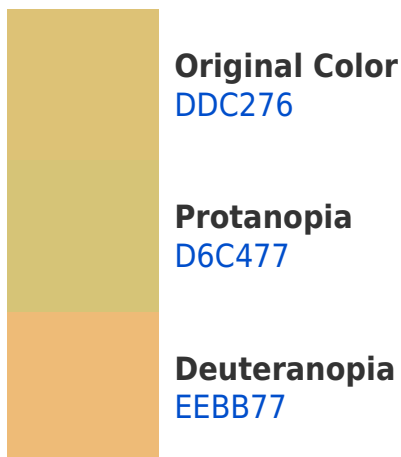


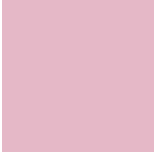
This preview shows how white text looks on a background with the Hex color DDC276.

# 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](#).

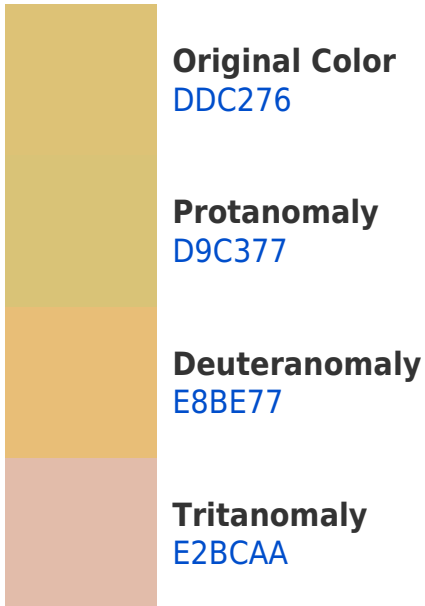
## Dichromacy



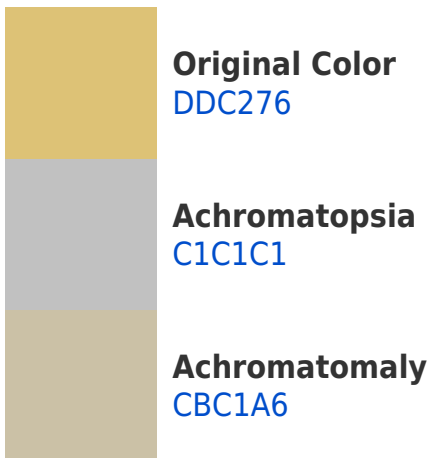


**Tritanopia**  
E5B8C7

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex DDC276 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 #DDC276 looks like.

```
.text, #text, p{  
    color:#DDC276  
}
```

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 #DDC276 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #DDC276
}
```

## Border

The CSS property to change the border of an element to Hex DDC276 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
#DDC276 }
```

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

```
.border{ border-color:#DDC276 }
```

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

Here you see how a box with a 4 pixel #DDC276 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #DDC276; -webkit-box-shadow:4px 4px  
4px 4px #DDC276; box-shadow:4px 4px 4px  
4px #DDC276 }
```

# Background

The CSS property to change the background color of an element to Hex DDC276 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#DDC276 }
```

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

```
.background{ background-color:#DDC276 }
```

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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