

# Converting Colors

Hex(DDDD52)

Have a look what the booklet for  
Hex(DDDD52) contains.

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# **Color**

**Hex(DDDD52)**

# Conversions

## Conversions Part 1

| Format      | Color                       |
|-------------|-----------------------------|
| Hex         | DDDD52                      |
| RGB         | 221, 221, 82                |
| RGB Percent | 87%, 87%, 32%               |
| CMY         | 0.1333, 0.1333, 0.6784      |
| CMYK        | 0.00, 0.00, 0.63, 0.13      |
| HSL         | 60°, 67%, 59%               |
| HSV         | 60°, 63%, 87%               |
| XYZ         | 57.1982, 67.6943, 18.0343   |
| YIQ         | 205.1540, 44.6190, -43.2290 |

# Conversions

## Conversions Part 2

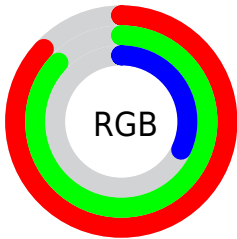
| Format                              | Color                          |
|-------------------------------------|--------------------------------|
| R <sub>Y</sub> B                    | 82, 221, 82                    |
| Decimal                             | 14540114                       |
| CIE Lab                             | 85.85, -16.89, 65.77           |
| CIE LCh                             | 86, 67.907, 104.400            |
| Yxy                                 | 67.6943, 0.4002,<br>0.4736     |
| Android<br>(android.graphics.Color) | 4292730194<br>(0xFFDDDD52)     |
| YUV                                 | 205.1540, -60.7149,<br>13.8969 |
| Hunter-Lab                          | 82.2765, -19.8916,<br>44.5977  |

# Details

The Hex color **DDDD52** is a light color, and the websafe version is hex **CCCC33**. The color can be described as light muted yellow. A complement of this color would be **5252DD**, and the grayscale version is **CECECE**.

A 20% lighter version of the original color is **FFFF89**, and **A3A612** is the 20% darker color. If you saturate the color by 10%, you get **DDDD3C**, and if you desaturate by 10%, it is **DDDD68**.

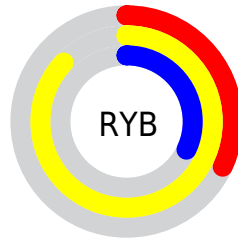
# Distribution



Red (87%)

Green (87%)

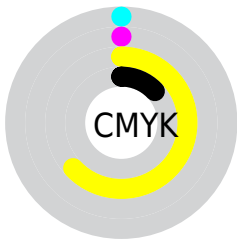
Blue (32%)



Red (32%)

Yellow (87%)

Blue (32%)

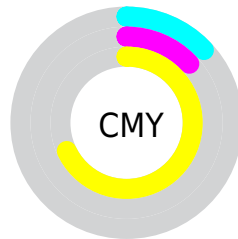


Cyan (0%)

Magenta (0%)

Yellow (63%)

Black (13%)



Cyan (13%)

Magenta (13%)

Yellow (68%)

# Brightness & Saturation Gradients

These gradients show how the Hex color DDDD52 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 DDDD52 by changing the saturation by 10% instead.



 DDDD52

 DDDD52

FFFFFF

 C0C135

 FFFF89

 A3A612

 FFFFA5

 868C00

 FFFFC2

 6B7300

 FFFFDF

 505A00

 FFFFFC

 354300

 1B2D00

 001A00

 000000

 DDDD52

 DDDD52

 DDDD3C

 DDDD68

 DDDD26

 DDDD7E

 DDDD10

 DDDD94

 DDDD00

 DDDDA A

 DDDDC1

 DDDDD7

 DDDDED

 DDDDF F

# Harmonies

## Analogous

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



FFC757



DDDD52



95EC76

# Triad

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



DDDD52



00F3FF



FFA3FB

# Complementary

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



DDDD52



5252DD

# 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.



FFB9FF



DDDD52



00E7FF

# Square

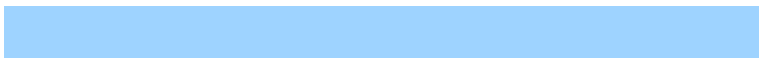
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



DDDD52



00F7F5



9ED3FF



FF9FBA

# Rectangle

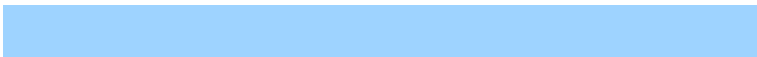
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



DDDD52



4EF29D



9ED3FF



FFA9FF



# Sweetspot

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



DDDD52



FFFFCF



DD5252



808062



000000



808080



# Same Dimension

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



DDDD52



FFFF40



98DD52



6E6E63



ADAD00



2E2E00



# Inverse Universe

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



5252DD



4040FF



9852DD



63636E



0000AD

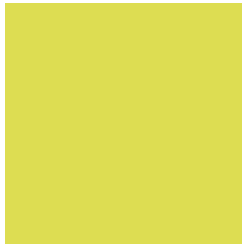


00002E



# Previews

## White Background



This preview shows how the Hex color DDDD52 looks on a white background.

## Color Contrast Check

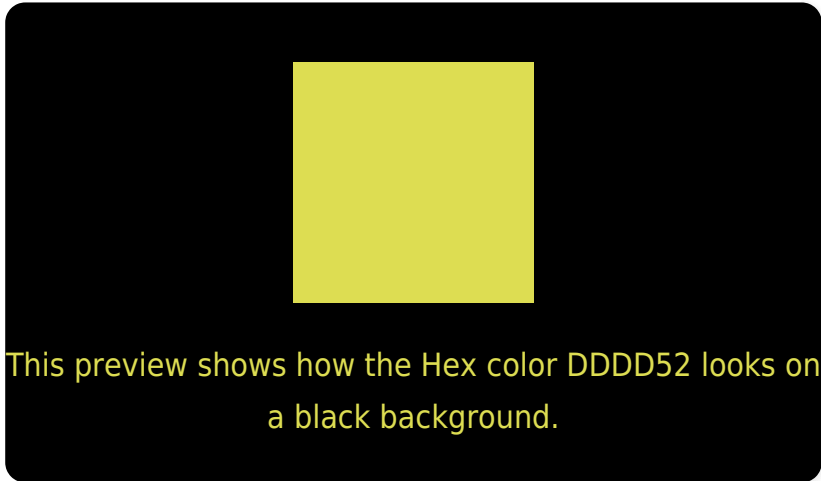
Large Text (above 18pt) WCAG AA × Fail

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 DDDD52 Background



This preview shows how black text looks on a background with the Hex color DDDD52.

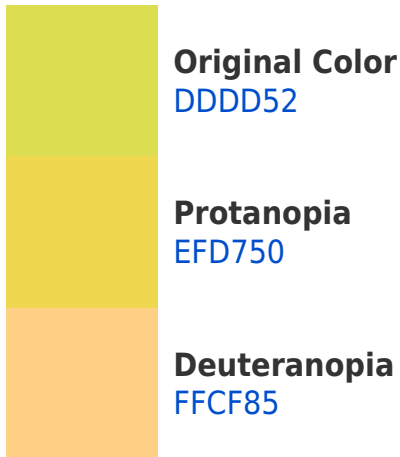


This preview shows how white text looks on a background with the Hex color DDDD52.

# Color Blindness Simulation

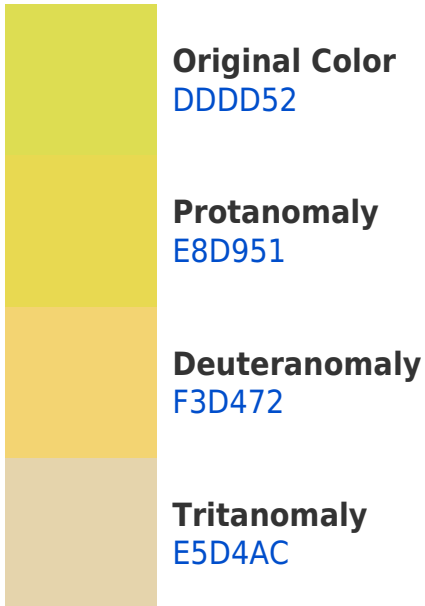
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

## Dichromacy

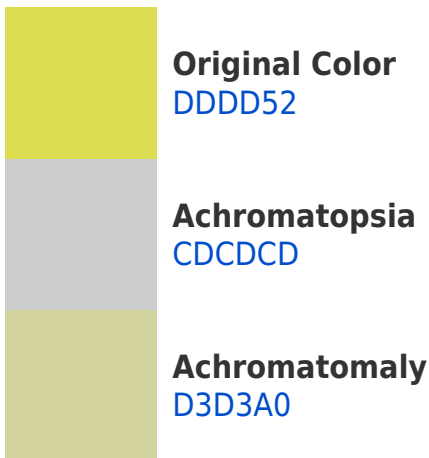




# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex DDDD52 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 #DDDD52 looks like.

```
.text, #text, p{  
    color:#DDDD52  
}
```

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 #DDDD52 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #DDDD52
}
```

## Border

The CSS property to change the border of an element to Hex DDDD52 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
#DDDD52 }
```

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

```
.border{ border-color:#DDDD52 }
```

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

Here you see how a box with a 4 pixel #DDDD52 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #DDDD52; -webkit-box-shadow:4px 4px  
4px 4px #DDDD52; box-shadow:4px 4px 4px  
4px #DDDD52 }
```

# Background

The CSS property to change the background color of an element to Hex DDDD52 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#DDD52 }
```

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

```
.background{ background-color:#DDD52 }
```

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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