

# Converting Colors

Hex(DDD263)

Have a look what the booklet for  
Hex(DDD263) contains.

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**Color**

**Hex(DDD263)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	DDD263
RGB	221, 210, 99
RGB Percent	87%, 82%, 39%
CMY	0.1333, 0.1765, 0.6118
CMYK	0.00, 0.05, 0.55, 0.13
HSL	55°, 64%, 63%
HSV	55°, 55%, 87%
XYZ	55.1175, 62.3662, 20.9373
YIQ	200.6350, 42.1870, -32.1890

# Conversions

## Conversions Part 2

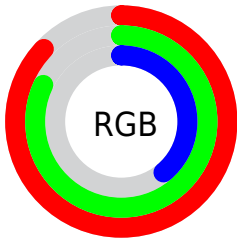
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	111, 221, 99
Decimal	14537315
CIE Lab	83.11, -10.24, 55.44
CIE LCh	83, 56.374, 100.461
Yxy	62.3662, 0.3982, 0.4506
Android (android.graphics.Color)	4292727395 (0xFFDDD263)
YUV	200.6350, -50.1061, 17.8601
Hunter-Lab	78.9723, -13.6201, 39.5615

# Details

The Hex color **DDD263** is a light color, and the websafe version is hex **CCCC66**. A complement of this color would be **636EDD**, and the grayscale version is **C9C9C9**.

A 20% lighter version of the original color is **FFF999**, and **A39C2E** is the 20% darker color. If you saturate the color by 10%, you get **DDD04D**, and if you desaturate by 10%, it is **DDD479**.

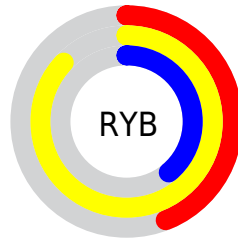
# Distribution



Red (87%)

Green (82%)

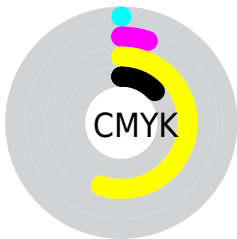
Blue (39%)



Red (44%)

Yellow (87%)

Blue (39%)

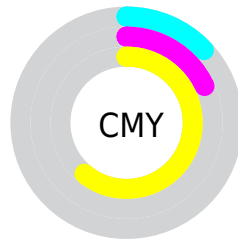


Cyan (0%)

Magenta (5%)

Yellow (55%)

Black (13%)



Cyan (13%)

Magenta (18%)

Yellow (61%)

# Brightness & Saturation Gradients

These gradients show how the Hex color DDD263 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 DDD263 by changing the saturation by 10% instead.



 DDD263

 DDD263

FFFFFF

 C0B749

 FFFF99

 A39C2E

 FFFF85

 87820D

 FFFFD1

 6C6900

 FFFFEE

 525100

 383A00

 1F2500

 001100

 000000

 DDD263

 DDD263

 DDD04D

 DDD479

 DDCE37

 DDD68F

 DDCC21

 DDD8A5

 DDCA0B

 DDDABB

 DDC900

 DDCCD2

 DDDEE8

 DDE0FE

 DDE2FF

 DDE4FF

# Harmonies

## Analogous

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



FFC06A



DDD263



A3E07B

# Triad

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



DDD263



00E7FF



FFA8F4

# Complementary

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



DDD263



636EDD

# 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.



ECBAFF



DDD263



00DEFF

# Square

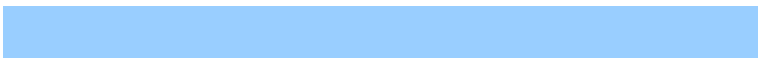
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



DDD263



00EAE0



99CEFF



FFA3BE

# Rectangle

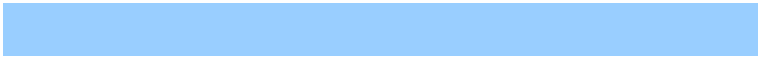
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



DDD263



74E699



99CEFF



FFADFF



# Sweetspot

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



DDD263



FFFBD4



DD636F



807D66



000000



808080



# Same Dimension

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



DDD263



FFF057



ACDD63



6E6D63



AD9E00



2E2A00



# Inverse Universe

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



636EDD



5766FF



9463DD



63646E



0010AD

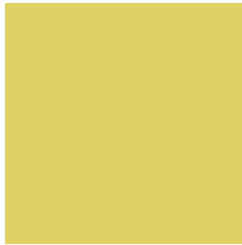


00042E



# Previews

## White Background



This preview shows how the Hex color DDD263 looks on a white background.

## Color Contrast Check

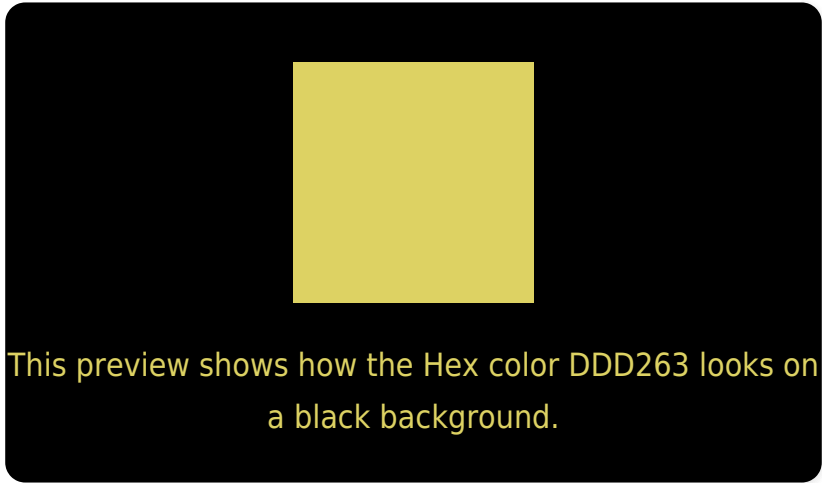
Large Text (above 18pt) WCAG AA × Fail

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 DDD263 Background



This preview shows how black text looks on a background with the Hex color DDD263.



This preview shows how white text looks on a background with the Hex color DDD263.

# 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**  
DDD263

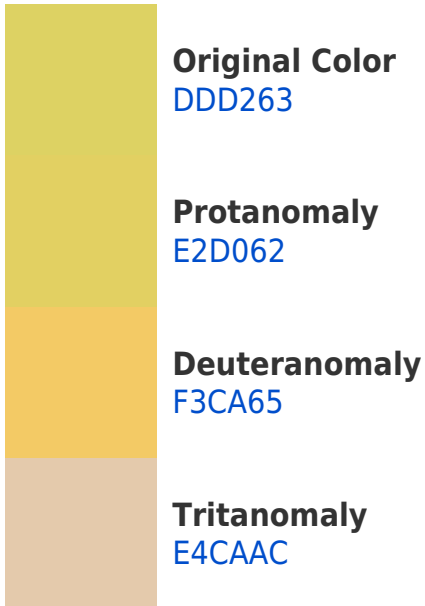
**Protanopia**  
E5CF62

**Deuteranopia**  
FFC566

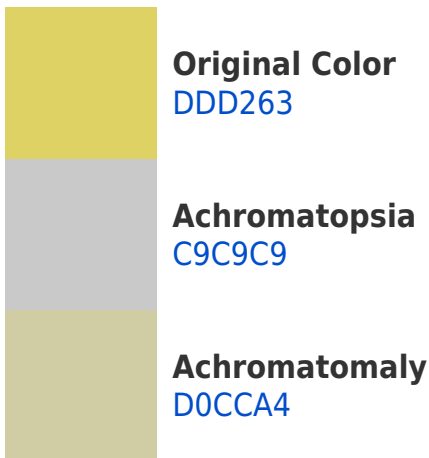


**Tritanopia**  
E8C6D5

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex DDD263 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 #DDD263 looks like.

```
.text, #text, p{  
    color:#DDD263  
}
```

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 #DDD263 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #DDD263
}
```

## Border

The CSS property to change the border of an element to Hex DDD263 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
#DDD263 }
```

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

```
.border{ border-color:#DDD263 }
```

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

Here you see how a box with a 4 pixel #DDD263 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #DDD263; -webkit-box-shadow:4px 4px  
4px 4px #DDD263; box-shadow:4px 4px 4px  
4px #DDD263 }
```

# Background

The CSS property to change the background color of an element to Hex DDD263 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#DDD263 }
```

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

```
.background{ background-color:#DDD263 }
```

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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