

# Converting Colors

Hex(DDE658)

Have a look what the booklet for  
Hex(DDE658) contains.

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# **Color**

**Hex(DDE658)**

# Conversions

## Conversions Part 1

Format	Color
Hex	DDE658
RGB	221, 230, 88
RGB Percent	87%, 90%, 35%
CMY	0.1333, 0.0980, 0.6549
CMYK	0.04, 0.00, 0.62, 0.10
HSL	64°, 74%, 62%
HSV	64°, 62%, 90%
XYZ	59.8771, 72.6704, 20.1034
YIQ	211.1210, 40.2180, -46.0700

# Conversions

## Conversions Part 2

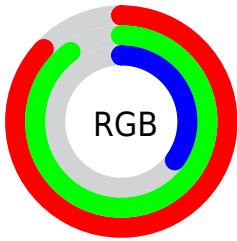
Format	Color
R <sub>YB</sub>	88, 230, 97
Decimal	14542424
CIE Lab	88.29, -20.90, 65.93
CIE LCh	88, 69.160, 107.592
Yxy	72.6704, 0.3922, 0.4761
Android (android.graphics.Color)	4292732504 (0xFFDDE658)
YUV	211.1210, -60.6987, 8.6639
Hunter-Lab	85.2469, -23.8045, 45.6907

# Details

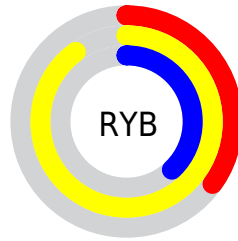
The Hex color **DDE658** is a light color, and the websafe version is hex **CCCC33**. The color can be described as light muted yellow. A complement of this color would be **6158E6**, and the grayscale version is **D4D4D4**.

A 20% lighter version of the original color is **FFFF8F**, and **A3AF1B** is the 20% darker color. If you saturate the color by 10%, you get **DCE641**, and if you desaturate by 10%, it is **DEE66F**.

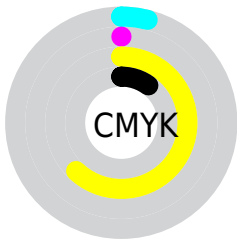
# Distribution



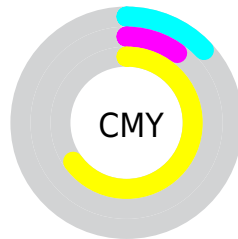
- Red (87%)
- Green (90%)
- Blue (35%)



- Red (35%)
- Yellow (90%)
- Blue (38%)



- Cyan (4%)
- Magenta (0%)
- Yellow (62%)
- Black (10%)



- Cyan (13%)
- Magenta (10%)
- Yellow (65%)

# Brightness & Saturation Gradients

These gradients show how the Hex color DDE658 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 DDE658 by changing the saturation by 10% instead.



 DDE658

 DDE658

FFFFFF

 C0CA3C

 FFFF8F

 A3AF1B

 FFFFAC

 879400

 FFFFC8

 6B7A00

 FFFF85

 506200

 354A00

 1B3300

 001F00

 000000

 DDE658

 DDE658

 DCE641

 DEE66F

 DAE62A

 E0E686

 D9E613

 E1E69D

 D7E600

 E3E6B4

 E4E6CB

 E6E6E2

 E7E6F9

 E9E6FF

 EAE6FF

# Harmonies

## Analogous

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



FFD058



DDE658



91F581

# Triad

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



DDE658



00F9FF



FFA7FC

# Complementary

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



DDE658



6158E6

# 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.



FFBCFF



DDE658



00EDFF

# Square

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



DDE658



00FEFF



B1D7FF



FFA5B9

# Rectangle

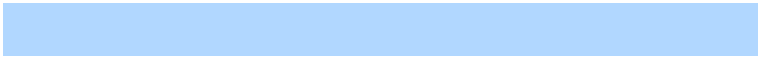
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



DDE658



3FFBA9



B1D7FF



FFADFF



# Sweetspot

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



DDE658



FCFFCF



E65F58



7E8062



000000



808080



# Same Dimension

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



DDE658



F3FF42



98E658



727367



A7B300



303300



# Inverse Universe

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



6158E6



4E42FF



A658E6



686773



0B00B3

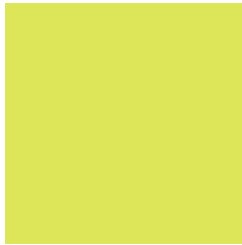


030033



# Previews

## White Background



This preview shows how the Hex color DDE658 looks on a white background.

## Color Contrast Check

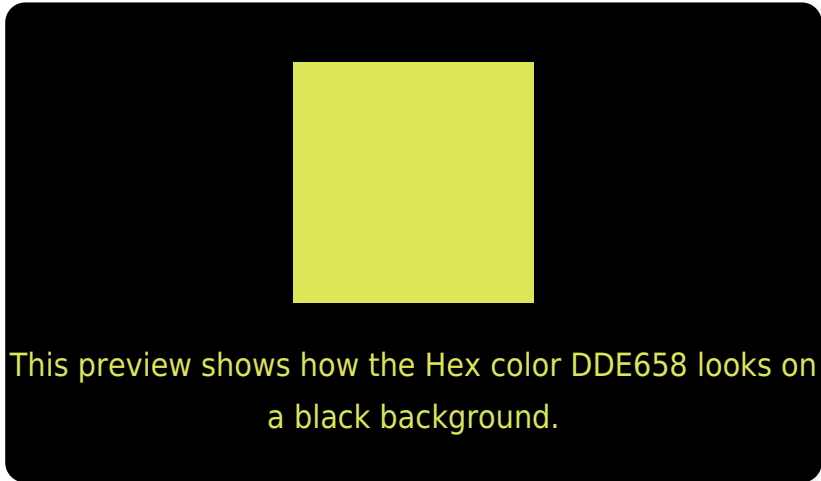
Large Text (above 18pt) WCAG AA × Fail

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 DDE658 Background



This preview shows how black text looks on a background with the Hex color DDE658.

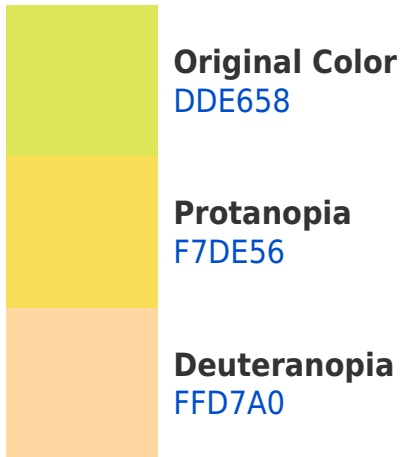


This preview shows how white text looks on a background with the Hex color DDE658.

# 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](#).

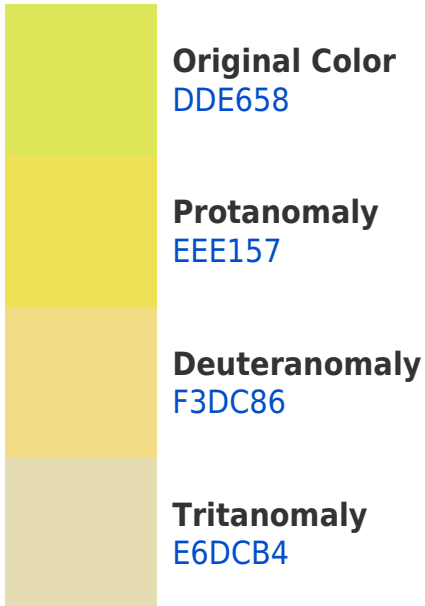
## Dichromacy



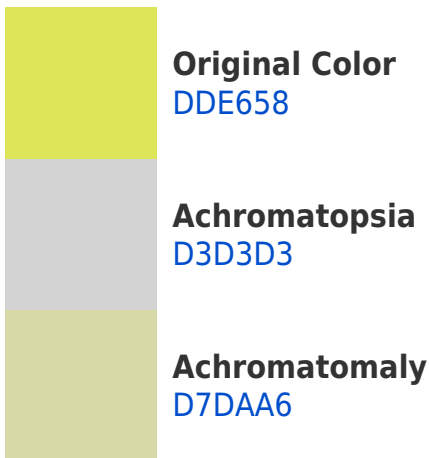


**Tritanopia**  
EBD7E8

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex DDE658 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 #DDE658 looks like.

```
.text, #text, p{  
    color:#DDE658  
}
```

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 #DDE658 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #DDE658
}
```

## Border

The CSS property to change the border of an element to Hex DDE658 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
#DDE658 }
```

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

```
.border{ border-color:#DDE658 }
```

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

Here you see how a box with a 4 pixel #DDE658 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #DDE658; -webkit-box-shadow:4px 4px  
4px 4px #DDE658; box-shadow:4px 4px 4px  
4px #DDE658 }
```

# Background

The CSS property to change the background color of an element to Hex DDE658 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#DDE658 }
```

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

```
.background{ background-color:#DDE658 }
```

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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