

# Converting Colors

Hex(D1C65E)

Have a look what the booklet for  
Hex(D1C65E) contains.

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# **Color**

**Hex(D1C65E)**

# Conversions

## Conversions Part 1

Format	Color
Hex	D1C65E
RGB	209, 198, 94
RGB Percent	82%, 78%, 37%
CMY	0.1804, 0.2235, 0.6314
CMYK	0.00, 0.05, 0.55, 0.18
HSL	54°, 56%, 59%
HSV	54°, 55%, 82%
XYZ	48.5090, 54.7516, 18.6011
YIQ	189.4330, 39.9400, -30.0120

# Conversions

## Conversions Part 2

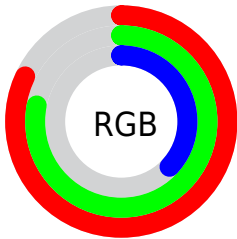
Format	Color
<b>RYB</b>	106, 209, 94
Decimal	13747806
CIELab	78.90, -9.47, 52.64
CIELCh	79, 53.488, 100.196
Yxy	54.7516, 0.3981, 0.4493
Android (android.graphics.Color)	4291937886 (0xFFD1C65E)
YUV	189.4330, -47.0485, 17.1603
Hunter-Lab	73.9943, -12.4697, 36.8914

# Details

The Hex color **D1C65E** is a light color, and the websafe version is hex **CCCC66**. The color can be described as light muted yellow. A complement of this color would be **5E69D1**, and the grayscale version is **BEBEBE**.

A 20% lighter version of the original color is **FFFF93**, and **989029** is the 20% darker color. If you saturate the color by 10%, you get **D1C449**, and if you desaturate by 10%, it is **D1C873**.

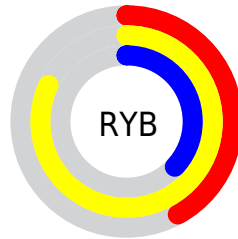
# Distribution



Red (82%)

Green (78%)

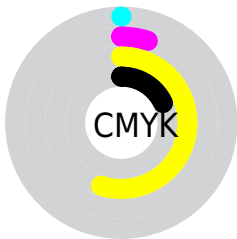
Blue (37%)



Red (42%)

Yellow (82%)

Blue (37%)

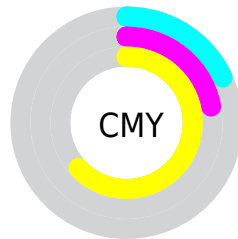


Cyan (0%)

Magenta (5%)

Yellow (55%)

Black (18%)



Cyan (18%)

Magenta (22%)

Yellow (63%)

# Brightness & Saturation Gradients

These gradients show how the Hex color D1C65E 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 D1C65E by changing the saturation by 10% instead.



 D1C65E

 D1C65E

FFFFFF

 B4AB44

 FFFF93

 989029

 FFFFAF

 7C7708


 FFFFEB

 625E00

 FFFFEB

 484700

 2E3100

 151C00

 000000

 D1C65E

 D1C65E

 D1C449

 D1C873

 D1C234

 D1CA88

 D1C01F

 D1CC9D

 D1BE0A

 D1CEB2

 D1BD00

 D1D0C7

 D1D2DB

 D1D4F0

 D1D6FF

 D1D8FF

# Harmonies

## Analogous

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



FDB565



D1C65E



9BD375

# Triad

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



D1C65E



00DAFF



FF9FE6

# Complementary

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



D1C65E



5E69D1

# Split Complementary

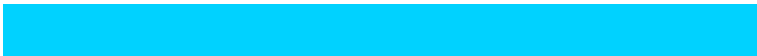
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



DEB0FF



D1C65E



00D2FF

# Square

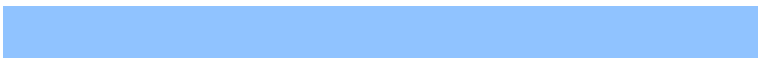
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



D1C65E



00DDD3



90C3FF



FF9AB4

# Rectangle

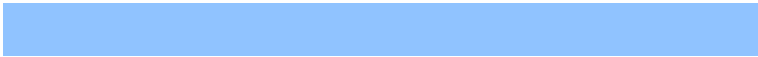
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



D1C65E



6FD890



90C3FF



FFA4F6



# Sweetspot

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



D1C65E



FFFBD4



D15E6A



807D66



000000



808080



# Same Dimension

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



D1C65E



FFEF57



A3D15E



69685E



A89800



292500



# Inverse Universe

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



5E69D1



5767FF



8C5ED1



5E5F69



0010A8

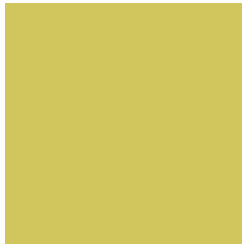


000429



# Previews

## White Background



This preview shows how the Hex color D1C65E looks on a white background.

## Color Contrast Check

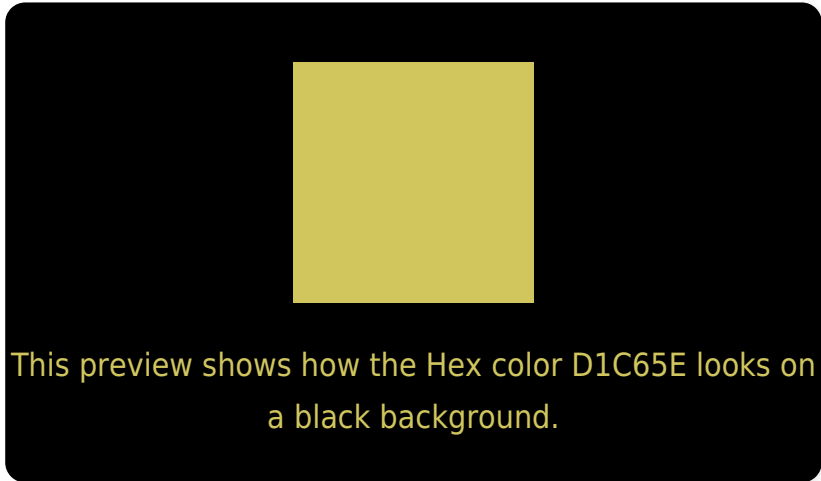
Large Text (above 18pt) WCAG AA × Fail

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

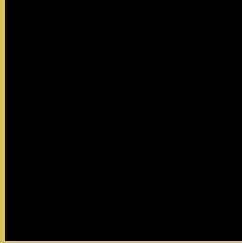
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex D1C65E Background



This preview shows how black text looks on a background with the Hex color D1C65E.

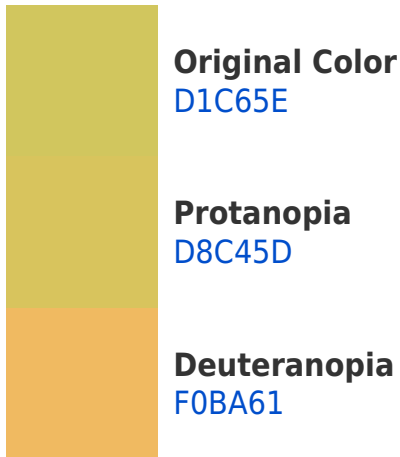


This preview shows how white text looks on a background with the Hex color D1C65E.

# Color Blindness Simulation

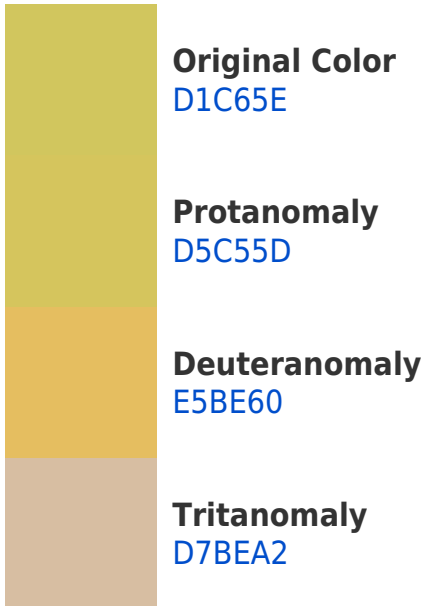
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

## Dichromacy

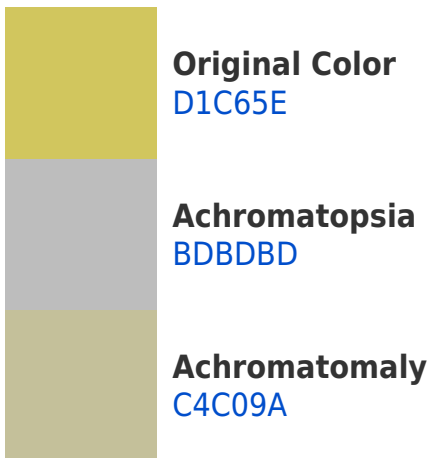




# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex D1C65E 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 #D1C65E looks like.

```
.text, #text, p{  
    color:#D1C65E  
}
```

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 #D1C65E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #D1C65E
}
```

## Border

The CSS property to change the border of an element to Hex D1C65E 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
#D1C65E }
```

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

```
.border{ border-color:#D1C65E }
```

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

Here you see how a box with a 4 pixel #D1C65E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #D1C65E; -webkit-box-shadow:4px 4px  
4px 4px #D1C65E; box-shadow:4px 4px 4px  
4px #D1C65E }
```

# Background

The CSS property to change the background color of an element to Hex D1C65E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#D1C65E }
```

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

```
.background{ background-color:#D1C65E }
```

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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