

# Converting Colors

Hex(DDC23E)

Have a look what the booklet for  
Hex(DDC23E) contains.

<b>Hex(DDC23E)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	11
<b><i>Previews</i></b> .....	23
<b><i>Color Blindness Simulation</i></b> .....	26
<b><i>CSS Examples</i></b> .....	29

**Color**

**Hex(DDC23E)**

# Conversions

## Conversions Part 1

Format	Color
Hex	DDC23E
RGB	221, 194, 62
RGB Percent	87%, 76%, 24%
CMY	0.1333, 0.2392, 0.7569
CMYK	0.00, 0.12, 0.72, 0.13
HSL	50°, 70%, 55%
HSV	50°, 72%, 87%
XYZ	49.9801, 54.3035, 12.4048
YIQ	187.0250, 58.4640, -35.3280

# Conversions

## Conversions Part 2

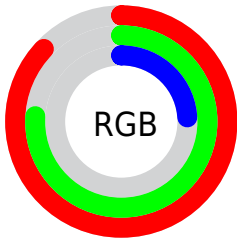
Format	Color
<b>RYB</b>	95, 221, 62
Decimal	14533182
CIELab	78.64, -4.35, 66.21
CIElCh	79, 66.357, 93.759
Yxy	54.3035, 0.4283, 0.4654
Android (android.graphics.Color)	4292723262 (0xFFDDC23E)
YUV	187.0250, -61.6373, 29.7961
Hunter-Lab	73.6909, -7.8934, 41.6030

# Details

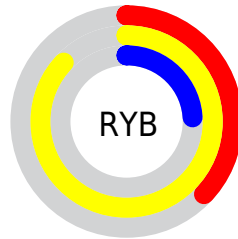
The Hex color **DDC23E** is a light color, and the websafe version is hex **CCCC33**. The color can be described as light muted yellow. A complement of this color would be **3E59DD**, and the grayscale version is **BCBCBC**.

A 20% lighter version of the original color is **FFFA76**, and **A28D00** is the 20% darker color. If you saturate the color by 10%, you get **DDBE28**, and if you desaturate by 10%, it is **DDC654**.

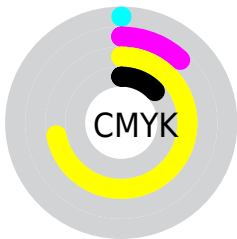
# Distribution



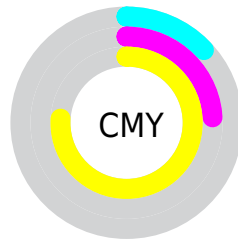
- Red (87%)
- Green (76%)
- Blue (24%)



- Red (37%)
- Yellow (87%)
- Blue (24%)



- Cyan (0%)
- Magenta (12%)
- Yellow (72%)
- Black (13%)



- Cyan (13%)
- Magenta (24%)
- Yellow (76%)

# Brightness & Saturation Gradients

These gradients show how the Hex color DDC23E 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 DDC23E by changing the saturation by 10% instead.



 DDC23E

FFFFFF

 FFFA76

 FFFF91

 FFFFAD

 FFFFCA

 FFFFEE

 DDC23E

 BFA71F

 A28D00

 857400

 6A5B00

 4E4400

 342E00

 1C1A00

 000000

 DDC23E

 DDC23E

 DDBE28

 DDC654

 DDBA12

 DDCA6A

 DDB700

 DD CD80

 DDD196

 DDD5AD

 DDD9C3

 DD CD9

 DDE0EF

 DDE4FF

# Harmonies

## Analogous

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



FFAB52



DDC23E



9DD356

# Triad

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



DDC23E



00DFFF



FF96FA

# Complementary

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



DDC23E



3E59DD

# 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.



CFAFFF



DDC23E



00D7FF

# Square

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



DDC23E



00E1C9



4CC7FF



FF8ABD

# Rectangle

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



DDC23E



66DA76



4CC7FF



FF9EFF



# Sweetspot

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



DDC23E



FFF5C7



DD3E5B



807A5E



000000



808080



# Same Dimension

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



DDC23E



FFDA24



ABDD3E



6E6C63



AD9000



2E2600



# Inverse Universe

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



3E59DD



2449FF



703EDD



63656E



001DAD



00082E



# Previews

## White Background



This preview shows how the Hex color DDC23E looks on a white background.

## Color Contrast Check

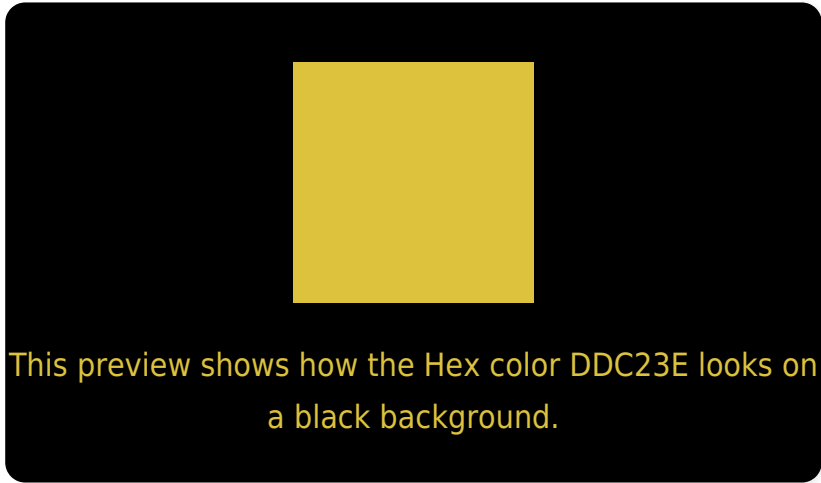
Large Text (above 18pt) WCAG AA × Fail

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 DDC23E Background



This preview shows how black text looks on a background with the Hex color DDC23E.



This preview shows how white text looks on a background with the Hex color DDC23E.

# 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**  
DDC23E

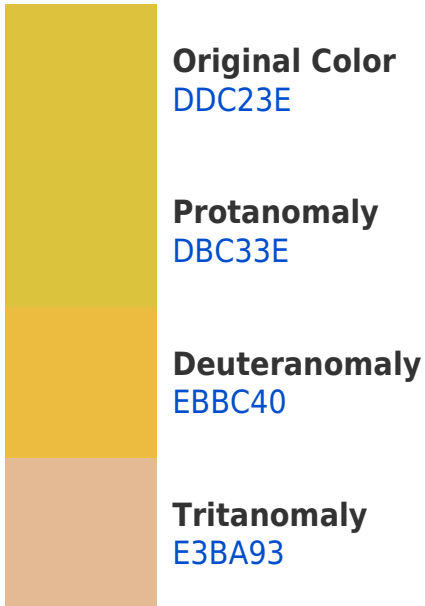
**Protanopia**  
DAC33E

**Deuteranopia**  
F3B941



**Tritanopia**  
E7B5C3

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex DDC23E 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 #DDC23E looks like.

```
.text, #text, p{  
    color:#DDC23E  
}
```

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 #DDC23E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #DDC23E
}
```

## Border

The CSS property to change the border of an element to Hex DDC23E 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
#DDC23E }
```

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

```
.border{ border-color:#DDC23E }
```

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

Here you see how a box with a 4 pixel #DDC23E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #DDC23E; -webkit-box-shadow:4px 4px  
4px 4px #DDC23E; box-shadow:4px 4px 4px  
4px #DDC23E }
```

# Background

The CSS property to change the background color of an element to Hex DDC23E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#DDC23E }
```

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

```
.background{ background-color:#DDC23E }
```

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](#).



Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

**[Learn more, Memberships starting at \\$2.50/m!](#)**

**Follow me  
on Twitter!**

@ConvertingColor