

Converting Colors

Hex(DDAE53)

Have a look what the booklet for
Hex(DDAE53) contains.

Hex(DDAE53)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(DDAE53)

Conversions

Conversions Part 1

Format	Color
Hex	DDAE53
RGB	221, 174, 83
RGB Percent	87%, 68%, 33%
CMY	0.1333, 0.3176, 0.6745
CMYK	0.00, 0.21, 0.62, 0.13
HSL	40°, 67%, 60%
HSV	40°, 62%, 87%
XYZ	46.5162, 46.2688, 14.6627
YIQ	177.6790, 57.2230, -18.3370

Conversions

Conversions Part 2

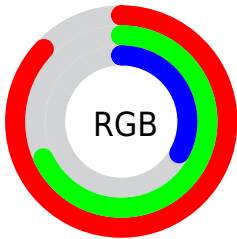
Format	Color
RYB	154, 221, 83
Decimal	14528083
CIELab	73.72, 7.30, 52.18
CIELCh	74, 52.684, 82.031
Yxy	46.2688, 0.4329, 0.4306
Android (android.graphics.Color)	4292718163 (0xFFDDAE53)
YUV	177.6790, -46.6767, 37.9925
Hunter-Lab	68.0212, 3.0299, 34.8342

Details

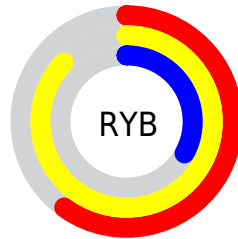
The Hex color **DDAE53** is a light color, and the websafe version is hex **CC9933**. The color can be described as light muted orange. A complement of this color would be **5382DD**, and the grayscale version is **B2B2B2**.

A 20% lighter version of the original color is **FFE587**, and **A27A1F** is the 20% darker color. If you saturate the color by 10%, you get **DDA63D**, and if you desaturate by 10%, it is **DDB669**.

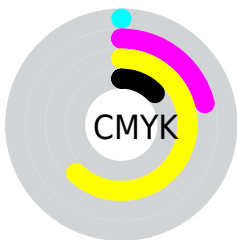
Distribution



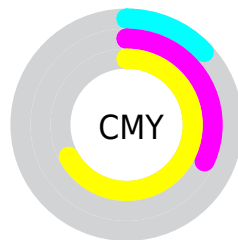
- Red (87%)
- Green (68%)
- Blue (33%)



- Red (60%)
- Yellow (87%)
- Blue (33%)



- Cyan (0%)
- Magenta (21%)
- Yellow (62%)
- Black (13%)



- Cyan (13%)
- Magenta (32%)
- Yellow (67%)

Brightness & Saturation Gradients

These gradients show how the Hex color DDAE53 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 DDAE53 by changing the saturation by 10% instead.

 DDAE53

 DDAE53

FFFFFF

 BF9439

 FFE587

 A27A1F

 FFFFA3

 866100

 FFFFBE

 6A4A00

 FFFFDB

 4F3300

 FFFFF8

 351E00

 1D0700

 000000

 DDAE53

 DDAE53

■ DDA63D

■ DDB669

■ DD9F27

■ DDBD7F

■ DD9711

■ DDC595

■ DD9200

■ DDCCAB

■ DDD4C2

■ DDDBD8

■ DDE3EE

■ DDEAFF

■ DDF2FF

Harmonies

Analogous

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



FF9C6A



DDAE53



AEBD58

Triad

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



DDAE53



00CDD8



E49BF1

Complementary

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



DDAE53



5382DD

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.



A4AEFF



DDAE53



00C9FF

Square

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



DDAE53



00CDA6



34BEFF



FF8EC4

Rectangle

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



DDAE53



8AC56B



34BEFF



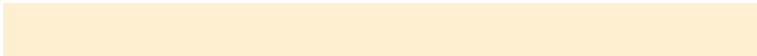
D2A1FD

Sweetspot

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



DDAE53



FFEECF



DD5383



807662



000000



808080

Same Dimension

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



DDAE53



FFBE40



C8DD53



6E6A63



AD7200



2E1E00

Inverse Universe

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



5382DD



4081FF



6853DD



63666E



003BAD



00102E

Previews

White Background



This preview shows how the Hex color DDAE53 looks on a white background.

Color Contrast Check

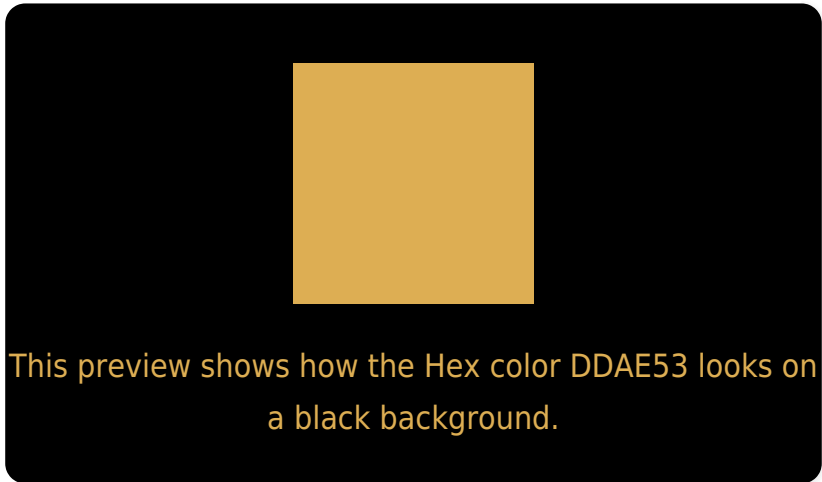
Large Text (above 18pt) WCAG AA × Fail

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 DDAE53 Background



This preview shows how black text looks on a background with the Hex color DDAE53.

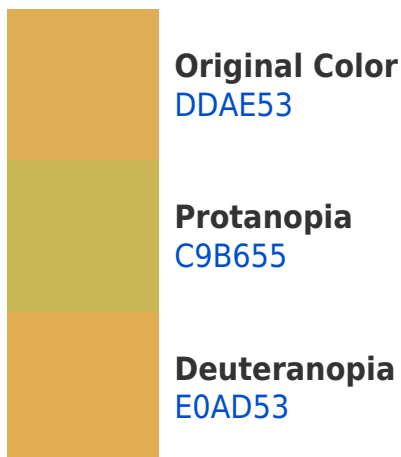


This preview shows how white text looks on a background with the Hex color DDAE53.

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](#).

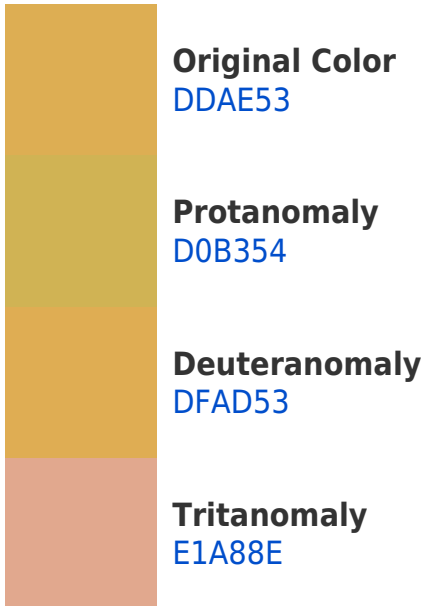
Dichromacy



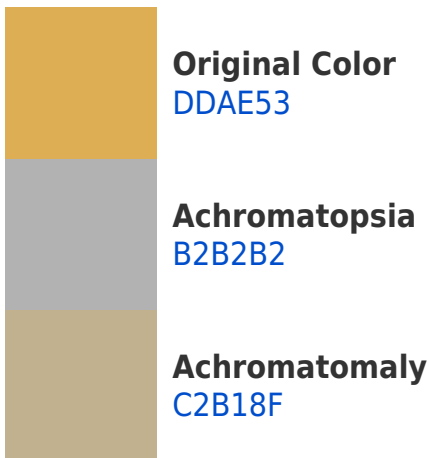


Tritanopia
E4A4B0

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex DDAE53 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 #DDAE53 looks like.

```
.text, #text, p{  
    color:#DDAE53  
}
```

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 #DDAE53 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #DDAE53
}
```

Border

The CSS property to change the border of an element to Hex DDAE53 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
#DDAE53 }
```

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

```
.border{ border-color:#DDAE53 }
```

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

Here you see how a box with a 4 pixel #DDAE53 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #DDAE53; -webkit-box-shadow:4px 4px  
4px 4px #DDAE53; box-shadow:4px 4px 4px  
4px #DDAE53 }
```

Background

The CSS property to change the background color of an element to Hex DDAE53 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#DDAE53 }
```

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

```
.background{ background-color:#DDAE53 }
```

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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