

Converting Colors

Hex(DDA659)

Have a look what the booklet for
Hex(DDA659) contains.

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Color

Hex(DDA659)

Conversions

Conversions Part 1

Format	Color
Hex	DDA659
RGB	221, 166, 89
RGB Percent	87%, 65%, 35%
CMY	0.1333, 0.3490, 0.6510
CMYK	0.00, 0.25, 0.60, 0.13
HSL	35°, 66%, 61%
HSV	35°, 60%, 87%
XYZ	45.2582, 43.3659, 15.4363
YIQ	173.6670, 57.4970, -12.2870

Conversions

Conversions Part 2

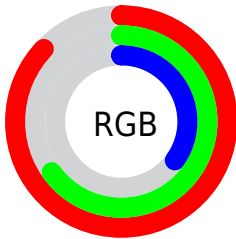
Format	Color
RYB	183, 221, 89
Decimal	14526041
CIELab	71.80, 11.98, 47.10
CIELCh	72, 48.599, 75.726
Yxy	43.3659, 0.4349, 0.4167
Android (android.graphics.Color)	4292716121 (0xFFDDA659)
YUV	173.6670, -41.7408, 41.5110
Hunter-Lab	65.8528, 7.4342, 32.1990

Details

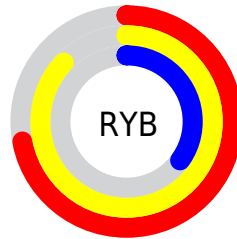
The Hex color **DDA659** is a light color, and the websafe version is hex **CC9933**. The color can be described as light muted orange. A complement of this color would be **5990DD**, and the grayscale version is **AEAEAE**.

A 20% lighter version of the original color is **FFDD8D**, and **A37227** is the 20% darker color. If you saturate the color by 10%, you get **DD9D43**, and if you desaturate by 10%, it is **DDAF6F**.

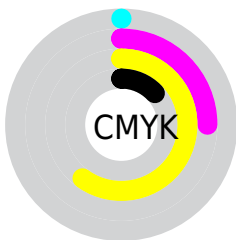
Distribution



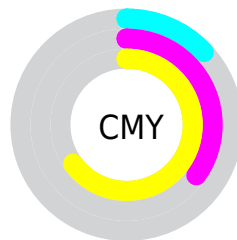
- Red (87%)
- Green (65%)
- Blue (35%)



- Red (72%)
- Yellow (87%)
- Blue (35%)



- Cyan (0%)
- Magenta (25%)
- Yellow (60%)
- Black (13%)



- Cyan (13%)
- Magenta (35%)
- Yellow (65%)

Brightness & Saturation Gradients

These gradients show how the Hex color DDA659 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 DDA659 by changing the saturation by 10% instead.

 DDA659

 DDA659

FFFFFF

 BF8C40

 FFDD8D

 A37227

 FFFAA8

 865A0B

 FFFFC4

 6A4200

 FFFFEE

 4F2C00

FFFFFFD

 351800

 1D0000

 000000

 DDA659

 DDA659

 DD9D43

 DDAF6F

 DD942D

 DDB885

 DD8A17

 DDC29B

 DD8101

 DDCBB1

 DD8100

 DDD4C8

 DDDDDE

 DDE6F4

 DDF0FF

 DDF9FF

Harmonies

Analogous

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



FA9672



DDA659



B4B558

Triad

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



DDA659



00C7C7



D19BEE

Complementary

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



DDA659



5990DD

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.



92ACFF



DDA659



00C3EE

Square

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



DDA659



3DC599



21BBFF



F88EC7

Rectangle

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



DDA659



94BC65



21BBFF



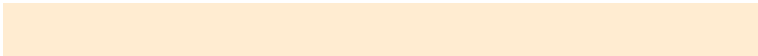
BFA1F8

Sweetspot

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



DDA659



FFECD1



DD5990



807463



000000



808080

Same Dimension

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



DDA659



FFB347



D2DD59



6E6963



AD6500



2E1B00

Inverse Universe

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



5990DD



4794FF



6459DD



63676E



0048AD



00132E

Previews

White Background



This preview shows how the Hex color DDA659 looks on a white background.

Color Contrast Check

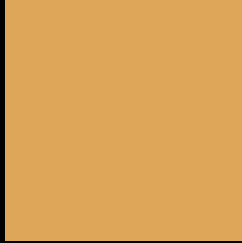
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the Hex color DDA659 looks on a 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 DDA659 Background



This preview shows how black text looks on a background with the Hex color DDA659.

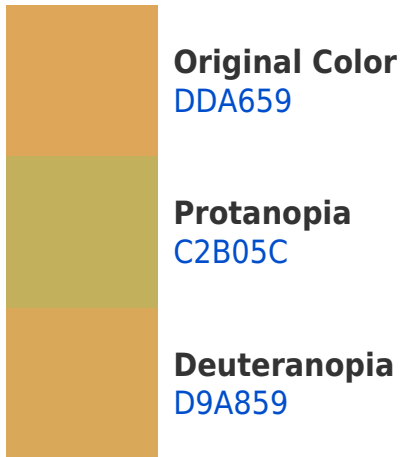


This preview shows how white text looks on a background with the Hex color DDA659.

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](#).

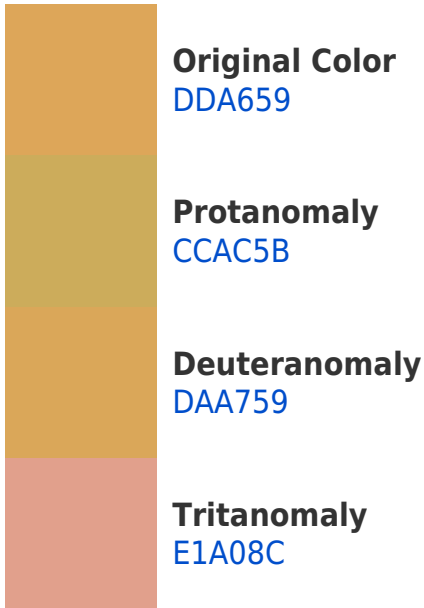
Dichromacy



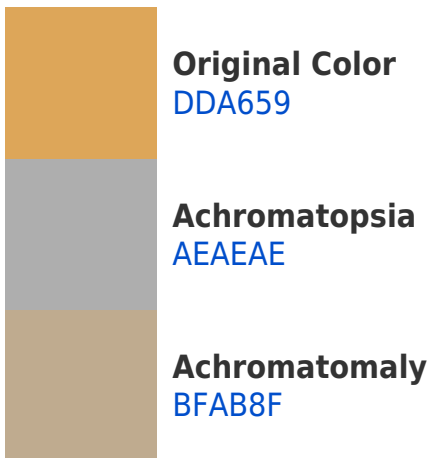


Tritanopia
E39DA9

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex DDA659 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 #DDA659 looks like.

```
.text, #text, p{  
    color:#DDA659  
}
```

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 #DDA659 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #DDA659
}
```

Border

The CSS property to change the border of an element to Hex DDA659 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
#DDA659 }
```

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

```
.border{ border-color:#DDA659 }
```

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

Here you see how a box with a 4 pixel #DDA659 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #DDA659; -webkit-box-shadow:4px 4px  
4px 4px #DDA659; box-shadow:4px 4px 4px  
4px #DDA659 }
```

Background

The CSS property to change the background color of an element to Hex DDA659 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#DDA659 }
```

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

```
.background{ background-color:#DDA659 }
```

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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