

Converting Colors

Hex(DDA152)

Have a look what the booklet for
Hex(DDA152) contains.

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Color

Hex(DDA152)

Conversions

Conversions Part 1

Format	Color
Hex	DDA152
RGB	221, 161, 82
RGB Percent	87%, 63%, 32%
CMY	0.1333, 0.3686, 0.6784
CMYK	0.00, 0.27, 0.63, 0.13
HSL	34°, 67%, 59%
HSV	34°, 63%, 87%
XYZ	44.0867, 41.4711, 13.6637
YIQ	169.9340, 61.1190, -11.8490

Conversions

Conversions Part 2

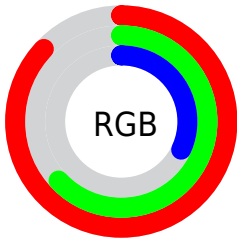
Format	Color
RYB	188, 221, 82
Decimal	14524754
CIELab	70.50, 14.18, 49.02
CIElCh	71, 51.025, 73.867
Yxy	41.4711, 0.4443, 0.4180
Android (android.graphics.Color)	4292714834 (0xFFDDA152)
YUV	169.9340, -43.3515, 44.7849
Hunter-Lab	64.3980, 9.5038, 32.4987

Details

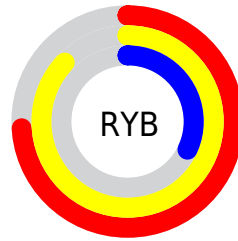
The Hex color **DDA152** is a light color, and the websafe version is hex **CC9933**. The color can be described as light muted orange. A complement of this color would be **528EDD**, and the grayscale version is **AAAAAA**.

A 20% lighter version of the original color is **FFD886**, and **A26E1F** is the 20% darker color. If you saturate the color by 10%, you get **DD973C**, and if you desaturate by 10%, it is **DDAB68**.

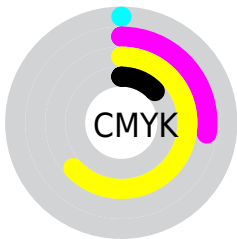
Distribution



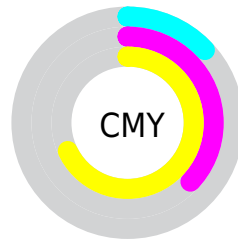
- Red (87%)
- Green (63%)
- Blue (32%)



- Red (74%)
- Yellow (87%)
- Blue (32%)



- Cyan (0%)
- Magenta (27%)
- Yellow (63%)
- Black (13%)



- Cyan (13%)
- Magenta (37%)
- Yellow (68%)

Brightness & Saturation Gradients

These gradients show how the Hex color DDA152 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 DDA152 by changing the saturation by 10% instead.

 DDA152

 DDA152

FFFFFF

 BF8739

 FFD886

 A26E1F

 FFF4A1

 865500

 FFFFBC

 6A3E00

 FFFFD9

 4E2800

 FFFFF5

 341400

 1D0000

 000000

 DDA152

 DDA152

 DD973C

 DDAB68

 DD8E26

 DDB47E

 DD8410

 DDBE94

 DD7E00

 DDC7AA

 DDD1C1

 DDDAD7

 DDE4ED

 DDEDFF

 DDF7FF

Harmonies

Analogous

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



FA906E



DDA152



B3B14F

Triad

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



DDA152



00C4C1



CC98F0

Complementary

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



DDA152



528EDD

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.



86AAFF



DDA152



00C1EC

Square

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



DDA152



33C291



00B8FF



F589C7

Rectangle

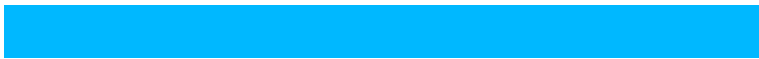
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



DDA152



92B95C



00B8FF



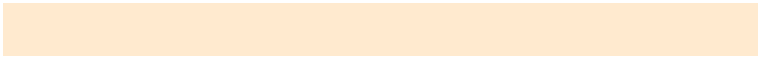
B89EFA

Sweetspot

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



DDA152



FFEACF



DD528E



807362



000000



808080

Same Dimension

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



DDA152



FFAC40



D4DD52



6E6963



AD6300



2E1A00

Inverse Universe

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



528EDD



4092FF



5B52DD



63676E



004BAD



00142E

Previews

White Background



This preview shows how the Hex color DDA152 looks on a white background.

Color Contrast Check

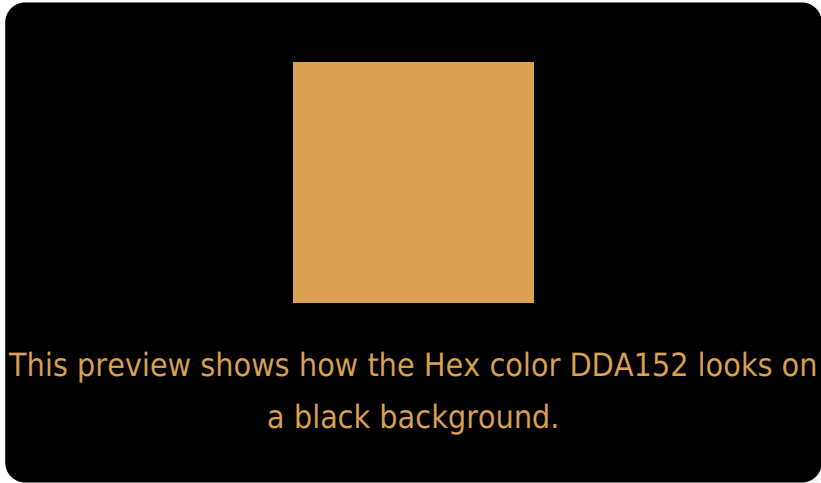
Large Text (above 18pt) WCAG AA × Fail

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

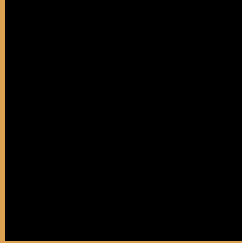
Any Text WCAG AA ✓ Pass

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 DDA152 Background



This preview shows how black text looks on a background with the Hex color DDA152.



This preview shows how white text looks on a background with the Hex color DDA152.

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
DDA152

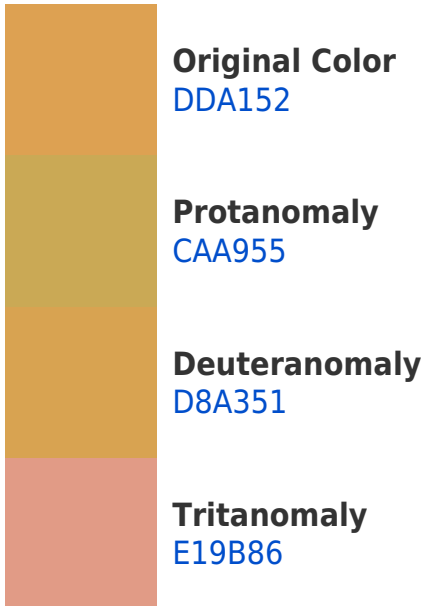
Protanopia
BFAD56

Deuteranopia
D5A451

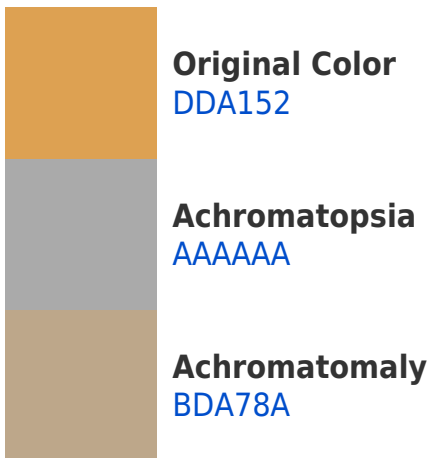


Tritanopia
E398A3

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex DDA152 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 #DDA152 looks like.

```
.text, #text, p{  
    color:#DDA152  
}
```

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 #DDA152 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #DDA152
}
```

Border

The CSS property to change the border of an element to Hex DDA152 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
#DDA152 }
```

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

```
.border{ border-color:#DDA152 }
```

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

Here you see how a box with a 4 pixel #DDA152 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #DDA152; -webkit-box-shadow:4px 4px  
4px 4px #DDA152; box-shadow:4px 4px 4px  
4px #DDA152 }
```

Background

The CSS property to change the background color of an element to Hex DDA152 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#DDA152 }
```

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

```
.background{ background-color:#DDA152 }
```

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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