

Converting Colors

Hex(DDBA58)

Have a look what the booklet for
Hex(DDBA58) contains.

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Color

Hex(DDBA58)

Conversions

Conversions Part 1

Format	Color
Hex	DDBA58
RGB	221, 186, 88
RGB Percent	87%, 73%, 35%
CMY	0.1333, 0.2706, 0.6549
CMYK	0.00, 0.16, 0.60, 0.13
HSL	44°, 66%, 61%
HSV	44°, 60%, 87%
XYZ	49.1392, 51.1945, 16.5241
YIQ	185.2930, 52.3180, -23.0580

Conversions

Conversions Part 2

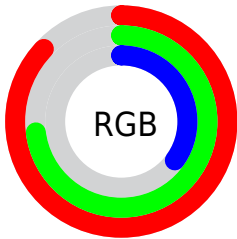
Format	Color
RYB	136, 221, 88
Decimal	14531160
CIELab	76.80, 1.31, 53.31
CIELCh	77, 53.330, 88.591
Yxy	51.1945, 0.4205, 0.4381
Android (android.graphics.Color)	4292721240 (0xFFDDBA58)
YUV	185.2930, -47.9654, 31.3150
Hunter-Lab	71.5504, -2.6234, 36.3926

Details

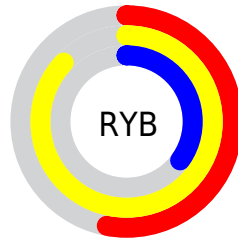
The Hex color **DDBA58** is a light color, and the websafe version is hex **FFCC66**. The color can be described as light muted orange. A complement of this color would be **587BDD**, and the grayscale version is **BABABA**.

A 20% lighter version of the original color is **FFF28D**, and **A38523** is the 20% darker color. If you saturate the color by 10%, you get **DDB442**, and if you desaturate by 10%, it is **DDC06E**.

Distribution



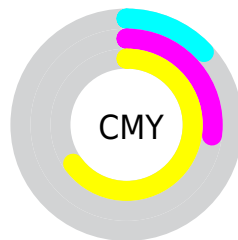
- Red (87%)
- Green (73%)
- Blue (35%)



- Red (53%)
- Yellow (87%)
- Blue (35%)



- Cyan (0%)
- Magenta (16%)
- Yellow (60%)
- Black (13%)



- Cyan (13%)
- Magenta (27%)
- Yellow (65%)

Brightness & Saturation Gradients

These gradients show how the Hex color DDBA58 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 DDBA58 by changing the saturation by 10% instead.

 DDBA58

 DDBA58

FFFFFF

 C09F3E

 FFF28D

 A38523

 FFFFA8

 876C00

 FFFFC4

 6B5400

 FFFFE1

 503D00

FFFFFFE

 362800

 1E1400

 000000

 DDBA58

 DDBA58

 DDB442

 DDC06E

 DDAE2C

 DDC684

 DDA916

 DDCB9A

 DDA300

 DDD1B0

 DDD7C7

 DDDDDD

 DDE3F3

 DDE9FF

 DDEEFF

Harmonies

Analogous

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



FFA86A



DDBA58



ABC964

Triad

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



DDBA58



00D6EB



F89FF2

Complementary

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



DDBA58



587BDD

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.



BDB2FF



DDBA58



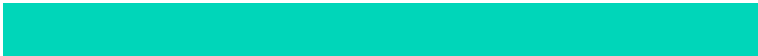
00D0FF

Square

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



DDBA58



00D6B9



60C3FF



FF94C2

Rectangle

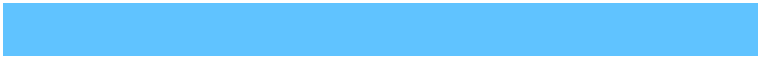
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



DDBA58



84D07A



60C3FF



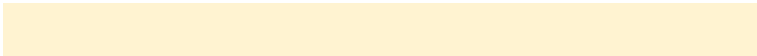
E8A5FF

Sweetspot

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



DDBA58



FFF3D1



DD587B



807863



000000



808080

Same Dimension

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



DDBA58



FFCF47



BEDD58



6E6B63



AD8000



2E2200

Inverse Universe

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



587BDD



4778FF



7758DD



63666E



002EAD



000C2E

Previews

White Background



This preview shows how the Hex color DDBA58 looks on a white background.

Color Contrast Check

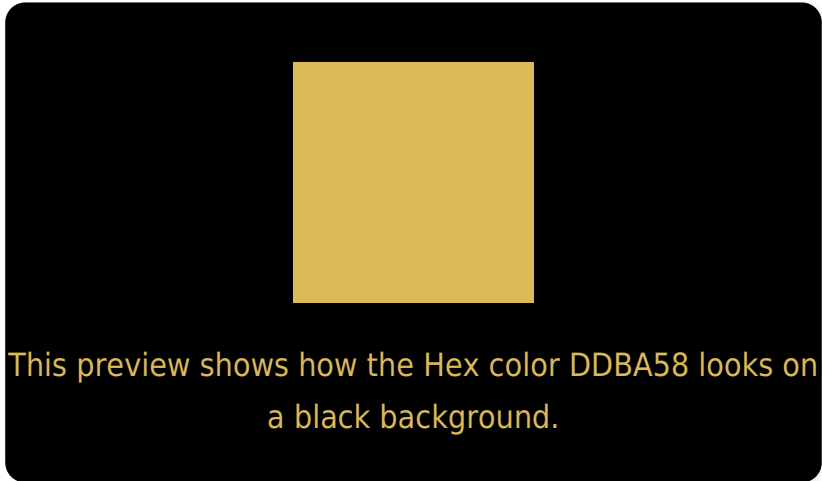
Large Text (above 18pt) WCAG AA × Fail

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 DDBA58 Background



This preview shows how black text looks on a background with the Hex color DDBA58.

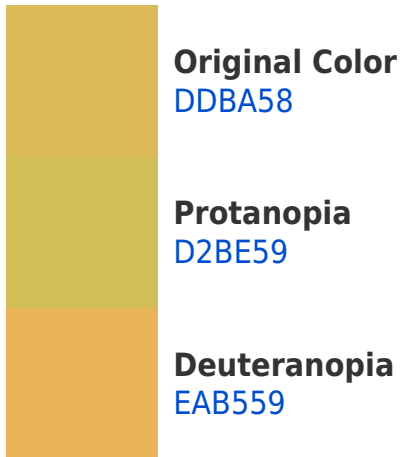


This preview shows how white text looks on a background with the Hex color DDBA58.

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](#).

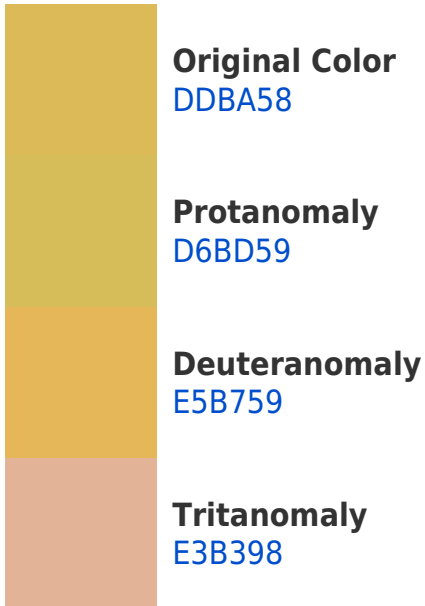
Dichromacy



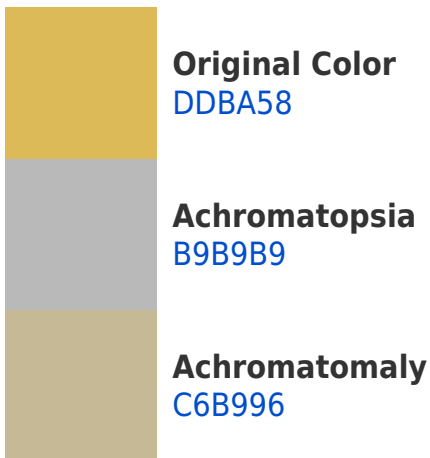


Tritanopia
E6AFBD

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex DDBA58 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 #DDBA58 looks like.

```
.text, #text, p{  
    color:#DDBA58  
}
```

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 #DDBA58 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #DDBA58  
}
```

Border

The CSS property to change the border of an element to Hex DDBA58 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  
#DDBA58 }
```

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

```
.border{ border-color:#DDBA58 }
```

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

Here you see how a box with a 4 pixel #DDBA58 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #DDBA58; -webkit-box-shadow:4px 4px  
4px 4px #DDBA58; box-shadow:4px 4px 4px  
4px #DDBA58 }
```

Background

The CSS property to change the background color of an element to Hex DDBA58 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#DDBA58 }
```

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

```
.background{ background-color:#DDBA58 }
```

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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