

Converting Colors

Hex(DB913F)

Have a look what the booklet for
Hex(DB913F) contains.

Hex(DB913F)	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(DB913F)

Conversions

Conversions Part 1

Format	Color
Hex	DB913F
RGB	219, 145, 63
RGB Percent	86%, 57%, 25%
CMY	0.1412, 0.4314, 0.7529
CMYK	0.00, 0.34, 0.71, 0.14
HSL	32°, 68%, 55%
HSV	32°, 71%, 86%
XYZ	40.2360, 35.6697, 9.4669
YIQ	157.7780, 70.4260, -9.8140

Conversions

Conversions Part 2

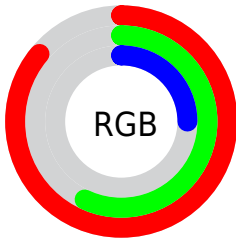
Format	Color
R_{YB}	204, 219, 63
Decimal	14389567
CIE _{Lab}	66.27, 20.83, 53.24
CIE _{LCh}	66, 57.167, 68.630
Yxy	35.6697, 0.4713, 0.4178
Android (android.graphics.Color)	4292579647 (0xFFDB913F)
YUV	157.7780, -46.7256, 53.6917
Hunter-Lab	59.7242, 15.7377, 32.4088

Details

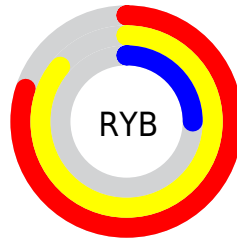
The Hex color **DB913F** is a dark color, and the websafe version is hex **CC9933**. The color can be described as middle muted orange. A complement of this color would be **3F89DB**, and the grayscale version is **9E9E9E**.

A 20% lighter version of the original color is **FFC773**, and **9F5E05** is the 20% darker color. If you saturate the color by 10%, you get **DB8729**, and if you desaturate by 10%, it is **DB9B55**.

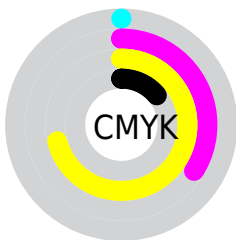
Distribution



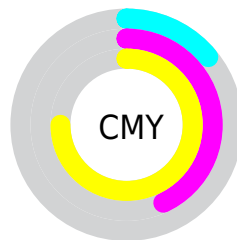
- Red (86%)
- Green (57%)
- Blue (25%)



- Red (80%)
- Yellow (86%)
- Blue (25%)



- Cyan (0%)
- Magenta (34%)
- Yellow (71%)
- Black (14%)



- Cyan (14%)
- Magenta (43%)
- Yellow (75%)

Brightness & Saturation Gradients

These gradients show how the Hex color DB913F 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 DB913F by changing the saturation by 10% instead.

 DB913F

 DB913F

FFFFFF

 BD7725

 FFC773

 9F5E05

 FFE38D

 824600

 FFFFA8

 663000

 FFFFC4

 4A1A00

 FFFF E1

 2F0400

FFFFFFE

 0C0000

 000000

 DB913F

 DB913F

 DB8729

 DB9B55

 DB7C13

 DBA66B

 DB7300

 DBB081

 DBBB97

 DBC5AD

 DBCFC2

 DBDAD8

 DBE4EE

 DBEEFF

Harmonies

Analogous

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



F87E64



DB913F



AFA334

Triad

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



DB913F



00BAAF



B78DF2

Complementary

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



DB913F



3F89DB

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.



5AA2FF



DB913F



00B8E0

Square

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



DB913F



12B87A



00B1FF



EB7AC8

Rectangle

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



DB913F



8CAD41



00B1FF



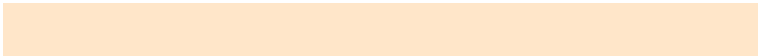
9F95FC

Sweetspot

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



DB913F



FFE6C9



DB3F8A



807060



000000



808080

Same Dimension

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



DB913F



FF9826



D8DB3F



6E6863



AD5B00



2E1800

Inverse Universe

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



3F89DB



268DFF



423FDB



63686E



0052AD



00162E

Previews

White Background



This preview shows how the Hex color DB913F looks on a white background.

Color Contrast Check

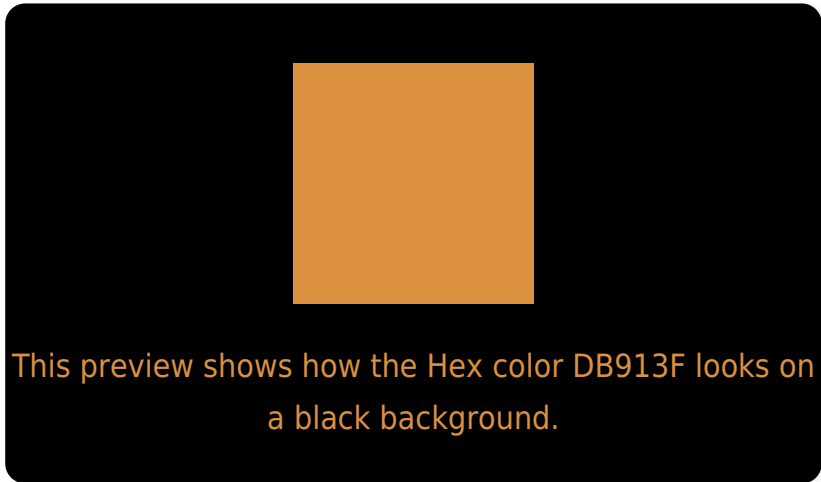
Large Text (above 18pt) WCAG AA × Fail

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 DB913F Background



This preview shows how black text looks on a background with the Hex color DB913F.

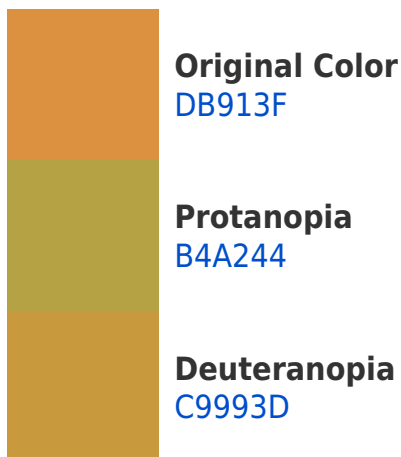


This preview shows how white text looks on a background with the Hex color DB913F.

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](#).

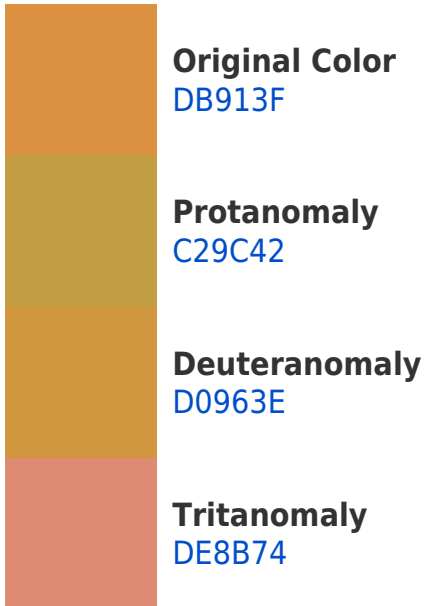
Dichromacy



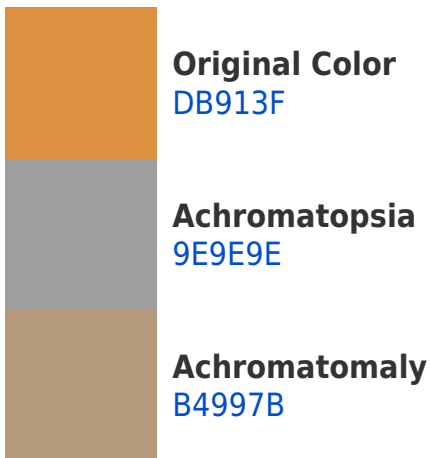


Tritanopia
E08892

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex DB913F 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 #DB913F looks like.

```
.text, #text, p{  
    color:#DB913F  
}
```

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 #DB913F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #DB913F
}
```

Border

The CSS property to change the border of an element to Hex DB913F 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
#DB913F }
```

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

```
.border{ border-color:#DB913F }
```

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

Here you see how a box with a 4 pixel #DB913F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #DB913F; -webkit-box-shadow:4px 4px  
4px 4px #DB913F; box-shadow:4px 4px 4px  
4px #DB913F }
```

Background

The CSS property to change the background color of an element to Hex DB913F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#DB913F }
```

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

```
.background{ background-color:#DB913F }
```

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