

Converting Colors

Hex(DB8E2F)

Have a look what the booklet for
Hex(DB8E2F) contains.

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Color

Hex(DB8E2F)

Conversions

Conversions Part 1

Format	Color
Hex	DB8E2F
RGB	219, 142, 47
RGB Percent	86%, 56%, 18%
CMY	0.1412, 0.4431, 0.8157
CMYK	0.00, 0.35, 0.79, 0.14
HSL	33°, 70%, 52%
HSV	33°, 79%, 86%
XYZ	39.3995, 34.6113, 7.2934
YIQ	154.1930, 76.3870, -13.2210

Conversions

Conversions Part 2

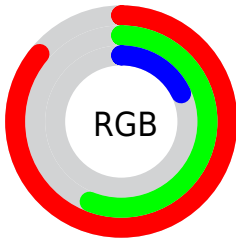
Format	Color
R _{YB}	186, 219, 47
Decimal	14388783
CIE Lab	65.44, 21.75, 59.20
CIE LCh	65, 63.068, 69.822
Yxy	34.6113, 0.4846, 0.4257
Android (android.graphics.Color)	4292578863 (0xFFDB8E2F)
YUV	154.1930, -52.8461, 56.8357
Hunter-Lab	58.8314, 16.5870, 33.8317

Details

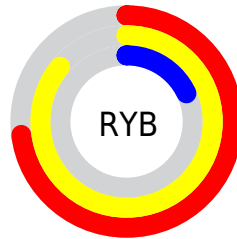
The Hex color **DB8E2F** is a dark color, and the websafe version is hex **CC9933**. The color can be described as dark washed orange. A complement of this color would be **2F7CDB**, and the grayscale version is **9B9B9B**.

A 20% lighter version of the original color is **FFC464**, and **9F5C00** is the 20% darker color. If you saturate the color by 10%, you get **DB8419**, and if you desaturate by 10%, it is **DB9845**.

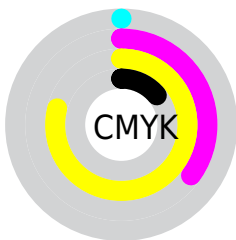
Distribution



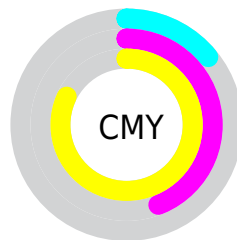
- Red (86%)
- Green (56%)
- Blue (18%)



- Red (73%)
- Yellow (86%)
- Blue (18%)



- Cyan (0%)
- Magenta (35%)
- Yellow (79%)
- Black (14%)



- Cyan (14%)
- Magenta (44%)
- Yellow (82%)

Brightness & Saturation Gradients

These gradients show how the Hex color DB8E2F 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 DB8E2F by changing the saturation by 10% instead.

 DB8E2F

 DB8E2F

FFFFFF

 BD7410

 FFC464

 9F5C00

 FFE07F

 814400

 FFFC9A

 642D00

 FFFFB5

 481700

 FFFFD2

 2E0100

 FFFFEF

 060000

 000000

 DB8E2F

 DB8E2F

 DB8419

 DB9845

 DB7A03

 DBA25B

 DB7900

 DBAB71

 DBB587

 DBBF9D

 DBC9B2

 DBD3C8

 DBDCDE

 DBE6F4

Harmonies

Analogous

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



FC7759



DB8E2F



ABA221

Triad

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



DB8E2F



00BAB0



BA88F6

Complementary

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



DB8E2F



2F7CDB

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.



4B9FFF



DB8E2F



00B8E6

Square

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



DB8E2F



00B776



00AFFF



F171C7

Rectangle

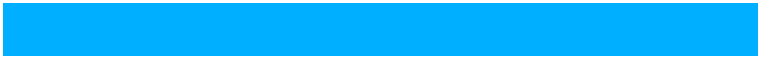
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



DB8E2F



84AC34



00AFFF



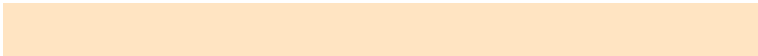
9E90FF

Sweetspot

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



DB8E2F



FFE4C2



DB2F7C



806F5B



000000



808080

Same Dimension

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



DB8E2F



FF940F



D2DB2F



6E6963



AD6000



2E1900

Inverse Universe

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



2F7CDB



0F7BFF



382FDB



63686E



004EAD



00152E

Previews

White Background



This preview shows how the Hex color DB8E2F looks on a white background.

Color Contrast Check

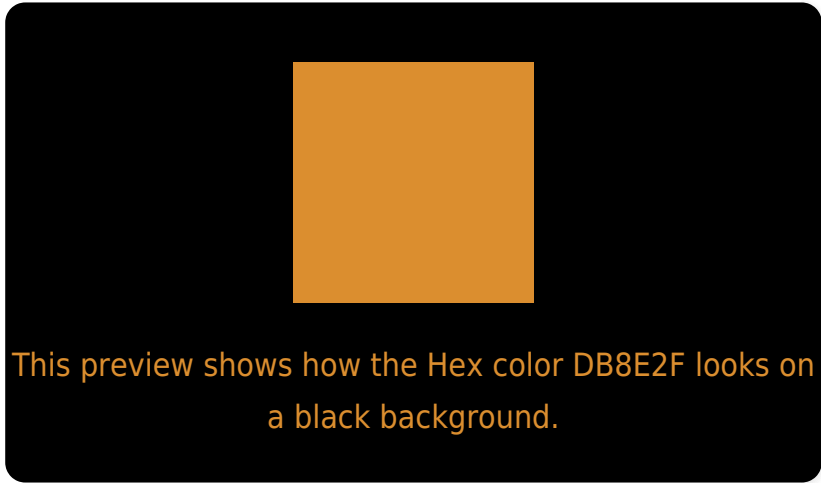
Large Text (above 18pt) WCAG AA × Fail

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 DB8E2F Background



This preview shows how black text looks on a background with the Hex color DB8E2F.



This preview shows how white text looks on a background with the Hex color DB8E2F.

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
DB8E2F

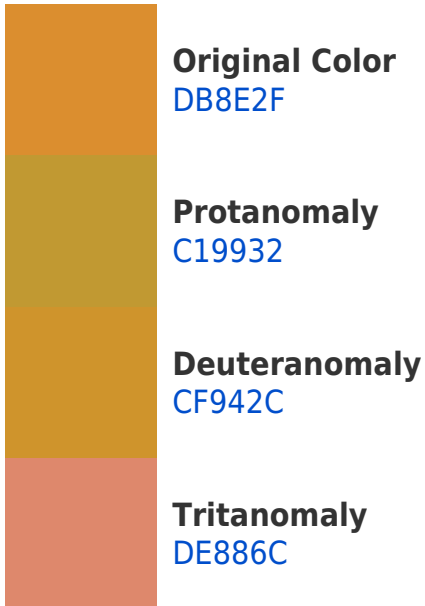
Protanopia
B2A034

Deuteranopia
C8972B



Tritanopia
E0858F

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex DB8E2F 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 #DB8E2F looks like.

```
.text, #text, p{  
    color:#DB8E2F  
}
```

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 #DB8E2F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #DB8E2F
}
```

Border

The CSS property to change the border of an element to Hex DB8E2F 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
#DB8E2F }
```

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

```
.border{ border-color:#DB8E2F }
```

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

Here you see how a box with a 4 pixel #DB8E2F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #DB8E2F; -webkit-box-shadow:4px 4px  
4px 4px #DB8E2F; box-shadow:4px 4px 4px  
4px #DB8E2F }
```

Background

The CSS property to change the background color of an element to Hex DB8E2F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#DB8E2F }
```

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

```
.background{ background-color:#DB8E2F }
```

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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