

Converting Colors

Hex(D8B61F)

Have a look what the booklet for
Hex(D8B61F) contains.

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Color

Hex(D8B61F)

Conversions

Conversions Part 1

Format	Color
Hex	D8B61F
RGB	216, 182, 31
RGB Percent	85%, 71%, 12%
CMY	0.1529, 0.2863, 0.8784
CMYK	0.00, 0.16, 0.86, 0.15
HSL	49°, 75%, 48%
HSV	49°, 86%, 85%
XYZ	45.2942, 48.1538, 8.2037
YIQ	174.9520, 68.7350, -39.7530

Conversions

Conversions Part 2

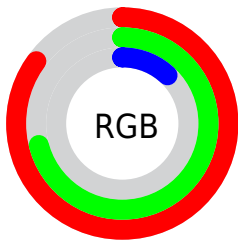
Format	Color
RYB	73, 216, 31
Decimal	14202399
CIELab	74.92, -1.36, 72.29
CIELCh	75, 72.303, 91.077
Yxy	48.1538, 0.4456, 0.4737
Android (android.graphics.Color)	4292392479 (0xFFD8B61F)
YUV	174.9520, -70.9683, 35.9991
Hunter-Lab	69.3929, -4.9270, 41.5657

Details

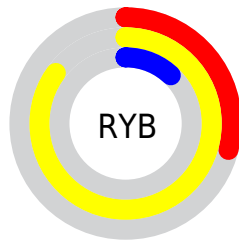
The Hex color **D8B61F** is a dark color, and the websafe version is hex **FFCC33**. The color can be described as middle washed orange. A complement of this color would be **1F41D8**, and the grayscale version is **B0B0B0**.

A 20% lighter version of the original color is **FFEE5D**, and **9C8200** is the 20% darker color. If you saturate the color by 10%, you get **D8B209**, and if you desaturate by 10%, it is **D8BA35**.

Distribution



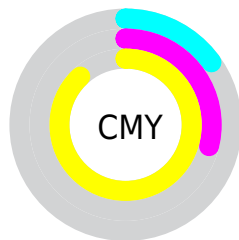
- Red (85%)
- Green (71%)
- Blue (12%)



- Red (29%)
- Yellow (85%)
- Blue (12%)



- Cyan (0%)
- Magenta (16%)
- Yellow (86%)
- Black (15%)



- Cyan (15%)
- Magenta (29%)
- Yellow (88%)

Brightness & Saturation Gradients

These gradients show how the Hex color D8B61F 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 D8B61F by changing the saturation by 10% instead.

 D8B61F

 D8B61F

FFFFFF

 BA9B00

 FFEE5D

 9C8200

 FFFF79

 806900

 FFFF95

 635100

 FFFFB2

 483A00

 FFFFCF

 2E2500

 FFFFEC

 151100

 000000

 D8B61F

 D8B61F

 D8B209

 D8BA35

 D8B000

 D8BE4A

 D8C260

 D8C675

 D8CA8B

 D8CEA1

 D8D2B6

 D8D6CC

 D8DAE1

Harmonies

Analogous

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



FF9D41



D8B61F



95C83B

Triad

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



D8B61F



00D7FB



FF89FA

Complementary

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



D8B61F



1F41D8

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.



BBA6FF



D8B61F



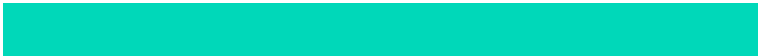
00D0FF

Square

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



D8B61F



00D8B9



00BFFF



FF78B9

Rectangle

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



D8B61F



58D060



00BFFF



F592FF

Sweetspot

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



D8B61F



FFF3BD



D81F44



807858



000000



808080

Same Dimension

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



D8B61F



FFD000



A1D81F



6B6960



AB8B00



2B2300

Inverse Universe

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



1F41D8



002FFF



561FD8



60626B



001FAB



00082B

Previews

White Background



This preview shows how the Hex color D8B61F looks on a white background.

Color Contrast Check

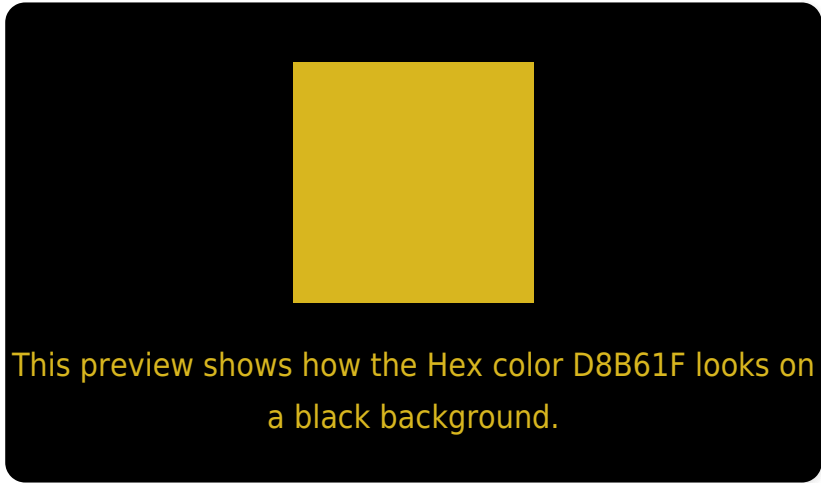
Large Text (above 18pt) WCAG AA × Fail

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 D8B61F Background



This preview shows how black text looks on a background with the Hex color D8B61F.



This preview shows how white text looks on a background with the Hex color D8B61F.

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
D8B61F

Protanopia
D0B920

Deuteranopia
E9AF24

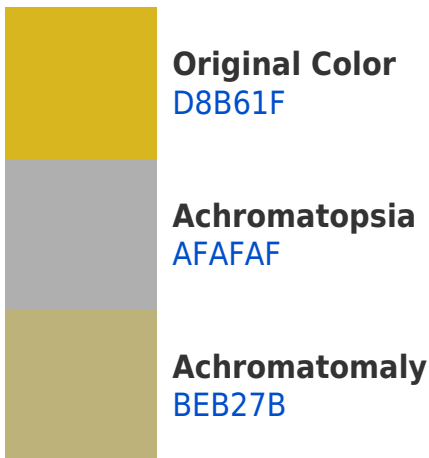


Tritanopia
E2A9B6

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex D8B61F 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 #D8B61F looks like.

```
.text, #text, p{  
    color:#D8B61F  
}
```

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 #D8B61F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #D8B61F
}
```

Border

The CSS property to change the border of an element to Hex D8B61F 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
#D8B61F }
```

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

```
.border{ border-color:#D8B61F }
```

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

Here you see how a box with a 4 pixel #D8B61F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #D8B61F; -webkit-box-shadow:4px 4px  
4px 4px #D8B61F; box-shadow:4px 4px 4px  
4px #D8B61F }
```

Background

The CSS property to change the background color of an element to Hex D8B61F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#D8B61F }
```

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

```
.background{ background-color:#D8B61F }
```

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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