

Converting Colors

Hex(DBF187)

Have a look what the booklet for
Hex(DBF187) contains.

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Color

Hex(DBF187)

Conversions

Conversions Part 1

Format	Color
Hex	DBF187
RGB	219, 241, 135
RGB Percent	86%, 95%, 53%
CMY	0.1412, 0.0549, 0.4706
CMYK	0.09, 0.00, 0.44, 0.05
HSL	72°, 79%, 74%
HSV	72°, 44%, 95%
XYZ	65.0419, 79.7199, 34.8811
YIQ	222.3380, 20.9140, -37.6300

Conversions

Conversions Part 2

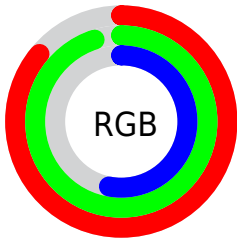
Format	Color
RYB	135, 241, 157
Decimal	14414215
CIELab	91.56, -23.01, 48.60
CIELCh	92, 53.769, 115.333
Yxy	79.7199, 0.3621, 0.4438
Android (android.graphics.Color)	4292604295 (0xFFDBF187)
YUV	222.3380, -43.0576, -2.9274
Hunter-Lab	89.2860, -26.2192, 39.3376

Details

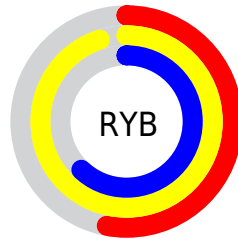
The Hex color **DBF187** is a light color, and the websafe version is hex **FFFF99**. A complement of this color would be **9D87F1**, and the grayscale version is **DFDFDF**.

A 20% lighter version of the original color is **FFFBE**, and **A2B953** is the 20% darker color. If you saturate the color by 10%, you get **D6F16F**, and if you desaturate by 10%, it is **E0F19F**.

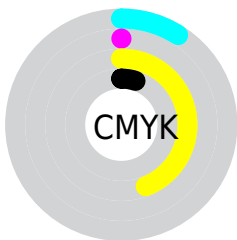
Distribution



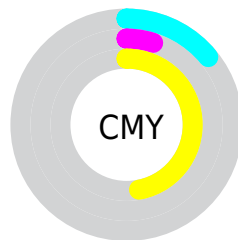
- Red (86%)
- Green (95%)
- Blue (53%)



- Red (53%)
- Yellow (95%)
- Blue (62%)



- Cyan (9%)
- Magenta (0%)
- Yellow (44%)
- Black (5%)



- Cyan (14%)
- Magenta (5%)
- Yellow (47%)

Brightness & Saturation Gradients

These gradients show how the Hex color DBF187 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 DBF187 by changing the saturation by 10% instead.

 DBF187

FFFFFF

 FFFFBE

 FFFFDA

 FFFFF7

 DBF187

 BED56C

 A2B953

 879E39

 6C841E

 526B00

 395200

 1F3B00

 022500

 000B00

 DBF187

 DBF187

 D6F16F

 E0F19F

 D1F157

 E5F1B7

 CCF13F

 EAF1CF

 C7F127

 EFF1E7

 C2F10F

 F4F1FF

 BFF100

 F9F1FF

 FEF1FF

 FFF1FF

Harmonies

Analogous

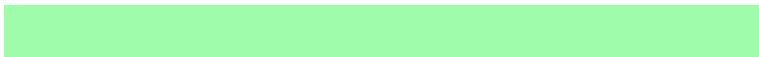
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



FFE17F



DBF187



9EFCAA

Triad

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



DBF187



00FBFF



FFBEF1

Complementary

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



DBF187



9D87F1

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.



FFCAFF



DBF187



85EEFF

Square

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



DBF187



00FFFF



E0DCFF



FFC0BD

Rectangle

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



DBF187



6BFFCB



E0DCFF



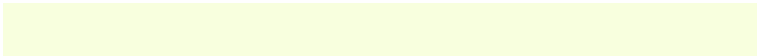
FFC0FF

Sweetspot

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



DBF187



F8FFDE



F19C87



7B806B



000000



808080

Same Dimension

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



DBF187



E3FF78



A7F187



75786C



91B800



2C3800

Inverse Universe

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



9D87F1



9478FF



D187F1



6E6C78



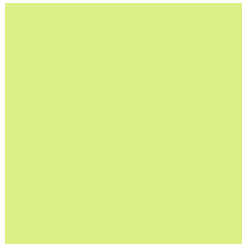
2600B8



0C0038

Previews

White Background



This preview shows how the Hex color DBF187 looks on a white background.

Color Contrast Check

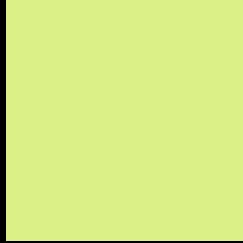
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the Hex color DBF187 looks on a 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 DBF187 Background



This preview shows how black text looks on a background with the Hex color DBF187.

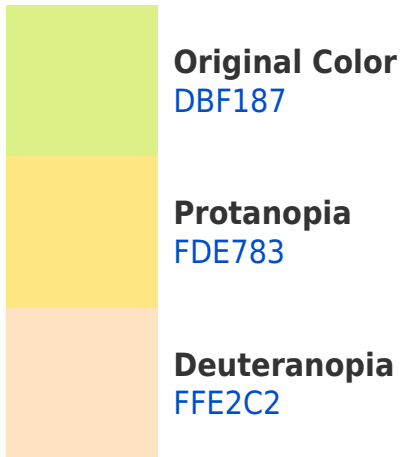


This preview shows how white text looks on a background with the Hex color DBF187.

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



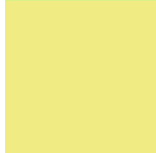


Tritanopia
E9E4F6

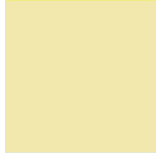
Trichromacy



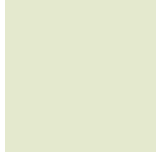
Original Color
DBF187



Protanomaly
F1EB84

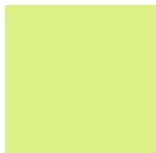


Deuteranomaly
F2E7AD

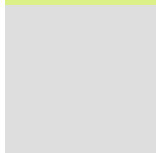


Tritanomaly
E4E9CE

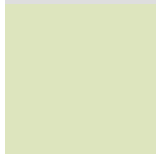
Monochromacy



Original Color
DBF187



Achromatopsia
DEDEDE



Achromatomaly
DDE5BE

CSS Examples

Text

The CSS property to change the color of the text to Hex DBF187 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 #DBF187 looks like.

```
.text, #text, p{  
    color:#DBF187  
}
```

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 #DBF187 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #DBF187
}
```

Border

The CSS property to change the border of an element to Hex DBF187 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
#DBF187 }
```

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

```
.border{ border-color:#DBF187 }
```

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

Here you see how a box with a 4 pixel #DBF187 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #DBF187; -webkit-box-shadow:4px 4px  
4px 4px #DBF187; box-shadow:4px 4px 4px  
4px #DBF187 }
```

Background

The CSS property to change the background color of an element to Hex DBF187 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#DBF187 }
```

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

```
.background{ background-color:#DBF187 }
```

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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