

Converting Colors

Hex(DBE962)

Have a look what the booklet for
Hex(DBE962) contains.

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Color

Hex(DBE962)

Conversions

Conversions Part 1

Format	Color
Hex	DBE962
RGB	219, 233, 98
RGB Percent	86%, 91%, 38%
CMY	0.1412, 0.0863, 0.6157
CMYK	0.06, 0.00, 0.58, 0.09
HSL	66°, 75%, 65%
HSV	66°, 58%, 91%
XYZ	60.5569, 74.2197, 22.6894
YIQ	213.4240, 34.9910, -44.9530

Conversions

Conversions Part 2

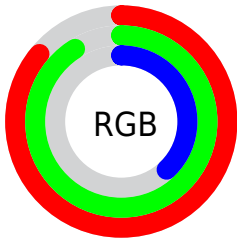
Format	Color
R_{YB}	98, 233, 112
Decimal	14412130
CIE _{Lab}	89.03, -22.46, 62.51
CIE _{LCh}	89, 66.419, 109.763
Yxy	74.2197, 0.3846, 0.4713
Android (android.graphics.Color)	4292602210 (0xFFDBE962)
YUV	213.4240, -56.9040, 4.8902
Hunter-Lab	86.1509, -25.2933, 44.6905

Details

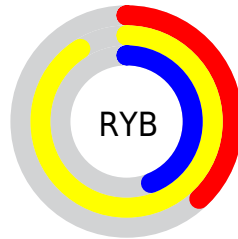
The Hex color **DBE962** is a light color, and the websafe version is hex **FFFF66**. A complement of this color would be **7062E9**, and the grayscale version is **D6D6D6**.

A 20% lighter version of the original color is **FFFF99**, and **A1B129** is the 20% darker color. If you saturate the color by 10%, you get **D9E94B**, and if you desaturate by 10%, it is **DDE979**.

Distribution



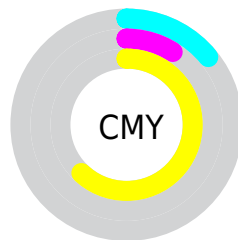
- Red (86%)
- Green (91%)
- Blue (38%)



- Red (38%)
- Yellow (91%)
- Blue (44%)



- Cyan (6%)
- Magenta (0%)
- Yellow (58%)
- Black (9%)



- Cyan (14%)
- Magenta (9%)
- Yellow (62%)

Brightness & Saturation Gradients

These gradients show how the Hex color DBE962 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 DBE962 by changing the saturation by 10% instead.

 DBE962

 DBE962

FFFFFF

 BECD46

 FFFF99

 A1B129

 FFFFB5

 859700

 FFFFD2

 6A7D00

 FFFFFE6

 4F6400

 344C00

 193500

 002100

 000000

 DBE962

 DBE962

 D9E94B

 DDE979

 D6E933

 E0E991

 D4E91C

 E2E9A8

 D1E905

 E5E9BF

 D1E900

 E7E9D7

 E9E9EE

 ECE9FF

 EEE9FF

 F1E9FF

Harmonies

Analogous

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



FFD55F



DBE962



90F78A

Triad

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



DBE962



00FAFF



FFABF8

Complementary

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



DBE962



7062E9

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.



FFBEFF



DBE962



00EDFF

Square

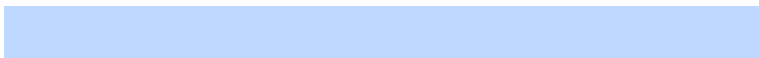
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



DBE962



00FFFF



BFD8FF



FFABB8

Rectangle

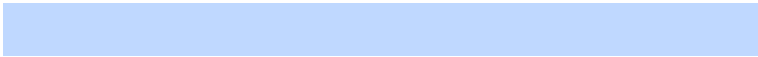
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



DBE962



43FCB1



BFD8FF



FFB0FF

Sweetspot

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



DBE962



FBFFD4



E97062



7D8066



000000



808080

Same Dimension

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



DBE962



ECFF4D



98E962



74756A



A2B500



303600

Inverse Universe

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



7062E9



5F4DFF



B362E9



6B6A75



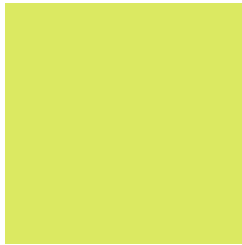
1300B5



060036

Previews

White Background



This preview shows how the Hex color DBE962 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 DBE962 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 DBE962 Background



This preview shows how black text looks on a background with the Hex color DBE962.

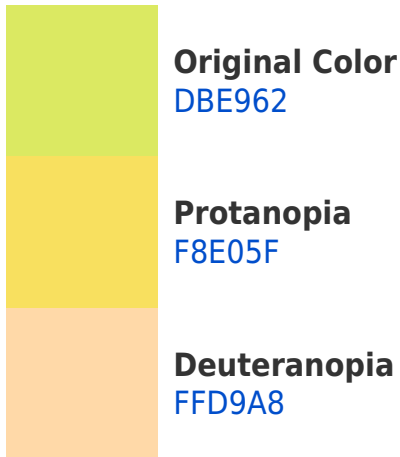


This preview shows how white text looks on a background with the Hex color DBE962.

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](#).

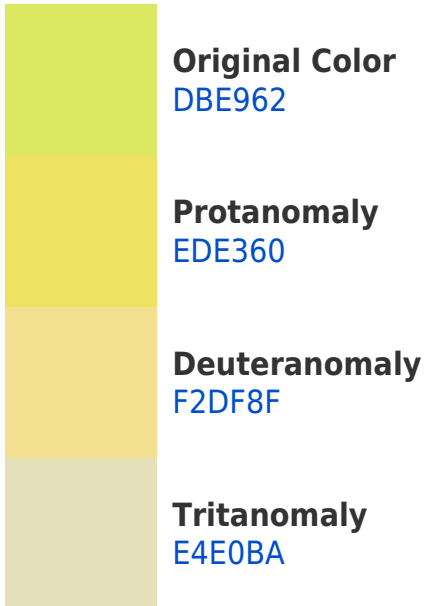
Dichromacy



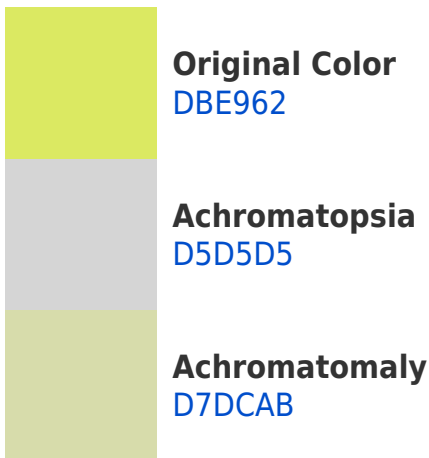


Tritanopia
E9DBEC

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex DBE962 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 #DBE962 looks like.

```
.text, #text, p{  
    color:#DBE962  
}
```

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 #DBE962 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #DBE962
}
```

Border

The CSS property to change the border of an element to Hex DBE962 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
#DBE962 }
```

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

```
.border{ border-color:#DBE962 }
```

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

Here you see how a box with a 4 pixel #DBE962 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #DBE962; -webkit-box-shadow:4px 4px  
4px 4px #DBE962; box-shadow:4px 4px 4px  
4px #DBE962 }
```

Background

The CSS property to change the background color of an element to Hex DBE962 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#DBE962 }
```

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

```
.background{ background-color:#DBE962 }
```

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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