

Converting Colors

Hex(DBDE45)

Have a look what the booklet for
Hex(DBDE45) contains.

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Color

Hex(DBDE45)

Conversions

Conversions Part 1

Format	Color
Hex	DBDE45
RGB	219, 222, 69
RGB Percent	86%, 87%, 27%
CMY	0.1412, 0.1294, 0.7294
CMYK	0.01, 0.00, 0.69, 0.13
HSL	61°, 70%, 57%
HSV	61°, 69%, 87%
XYZ	56.4089, 67.7323, 15.7308
YIQ	203.6610, 47.3250, -48.2190

Conversions

Conversions Part 2

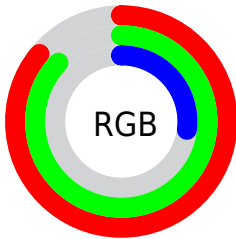
Format	Color
RYB	69, 222, 72
Decimal	14409285
CIELab	85.87, -18.92, 70.70
CIELCh	86, 73.186, 104.983
Yxy	67.7323, 0.4033, 0.4842
Android (android.graphics.Color)	4292599365 (0xFFDBDE45)
YUV	203.6610, -66.3879, 13.4523
Hunter-Lab	82.2996, -21.6789, 46.2770

Details

The Hex color **DBDE45** is a light color, and the websafe version is hex **CCCC33**. The color can be described as light muted yellow. A complement of this color would be **4845DE**, and the grayscale version is **CCCCCC**.

A 20% lighter version of the original color is **FFFF7E**, and **A0A700** is the 20% darker color. If you saturate the color by 10%, you get **DBDE2F**, and if you desaturate by 10%, it is **DBDE5B**.

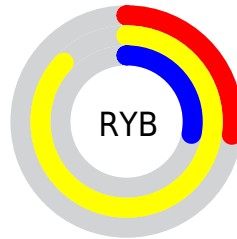
Distribution



Red (86%)

Green (87%)

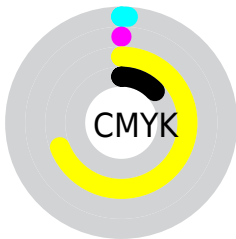
Blue (27%)



Red (27%)

Yellow (87%)

Blue (28%)

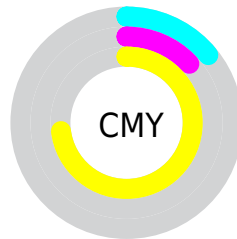


Cyan (1%)

Magenta (0%)

Yellow (69%)

Black (13%)



Cyan (14%)

Magenta (13%)

Yellow (73%)

Brightness & Saturation Gradients

These gradients show how the Hex color DBDE45 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 DBDE45 by changing the saturation by 10% instead.

 DBDE45

 DBDE45

FFFFFF

 BDC225

 FFFF7E

 A0A700

 FFFF9A

 848D00

 FFFFB7

 687300

 FFFF D4

 4D5B00

 FFFFF1

 324400

 182D00

 001B00

 000000

 DBDE45

 DBDE45

 DBDE2F

 DBDE5B

 DADE19

 DCDE71

 DADE02

 DCDE88

 DADE00

 DDDE9E

 DDDEB4

 DEDECA

 DEDEE0

 DEDEF7

 DFDEFF

Harmonies

Analogous

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



FFC74A



DBDE45



8CEE6F

Triad

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



DBDE45



00F4FF



FF9DFD

Complementary

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



DBDE45



4845DE

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.



FFB6FF



DBDE45



00E8FF

Square

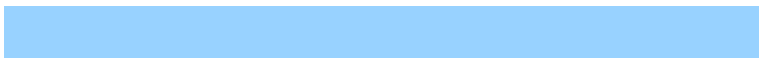
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



DBDE45



00F9F8



98D2FF



FF98B7

Rectangle

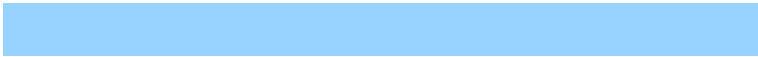
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



DBDE45



30F499



98D2FF



FFA4FF

Sweetspot

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



DBDE45



FEFFC9



DE4845



7F8060



000000



808080

Same Dimension

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



DBDE45



FBFF2B



8FDE45



707065



ACB000



2F3000

Inverse Universe

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



4845DE



302BFF



9445DE



656570



0300B0



010030

Previews

White Background



This preview shows how the Hex color DBDE45 looks on a white background.

Color Contrast Check

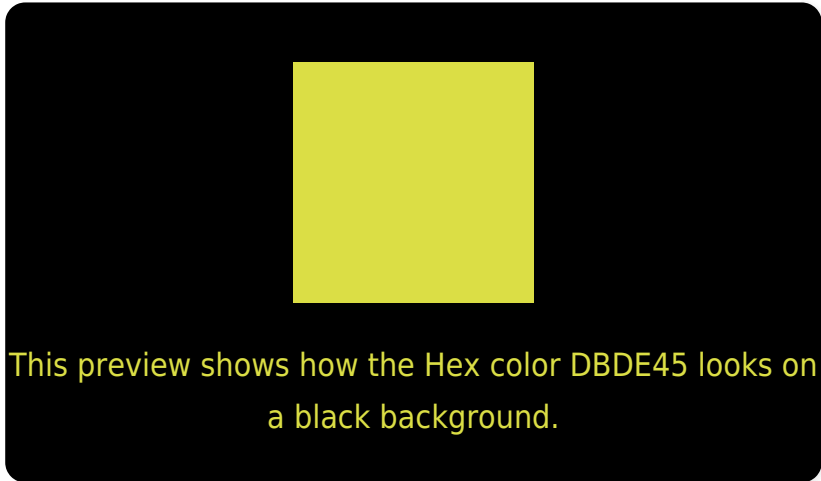
Large Text (above 18pt) WCAG AA × Fail

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 DBDE45 Background



This preview shows how black text looks on a background with the Hex color DBDE45.

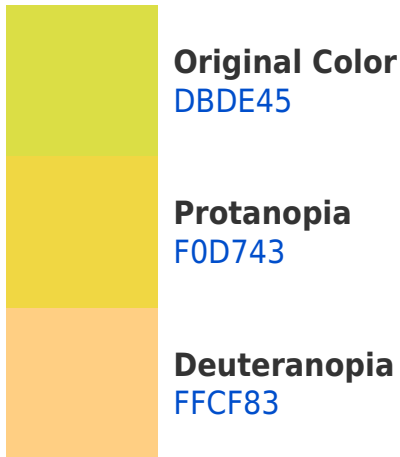


This preview shows how white text looks on a background with the Hex color DBDE45.

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](#).

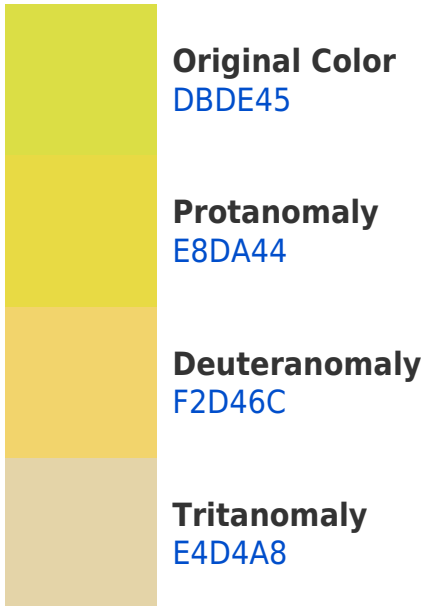
Dichromacy



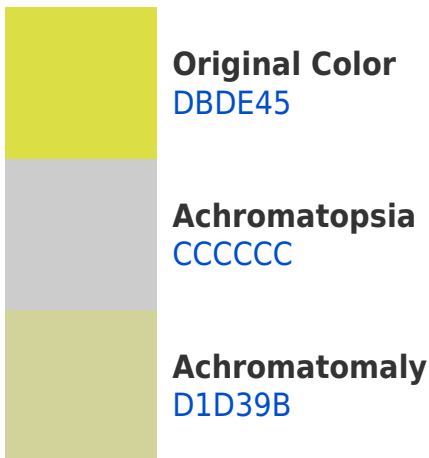


Tritanopia
E9CFE0

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex DBDE45 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 #DBDE45 looks like.

```
.text, #text, p{  
    color:#DBDE45  
}
```

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 #DBDE45 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #DBDE45
}
```

Border

The CSS property to change the border of an element to Hex DBDE45 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
#DBDE45 }
```

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

```
.border{ border-color:#DBDE45 }
```

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

Here you see how a box with a 4 pixel #DBDE45 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #DBDE45; -webkit-box-shadow:4px 4px  
4px 4px #DBDE45; box-shadow:4px 4px 4px  
4px #DBDE45 }
```

Background

The CSS property to change the background color of an element to Hex DBDE45 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#DBDE45 }
```

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

```
.background{ background-color:#DBDE45 }
```

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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