

Converting Colors

Hex(DCE124)

Have a look what the booklet for
Hex(DCE124) contains.

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Color

Hex(DCE124)

Conversions

Conversions Part 1

Format	Color
Hex	DCE124
RGB	220, 225, 36
RGB Percent	86%, 88%, 14%
CMY	0.1373, 0.1176, 0.8588
CMYK	0.02, 0.00, 0.84, 0.12
HSL	62°, 76%, 51%
HSV	62°, 84%, 88%
XYZ	56.7589, 69.1934, 12.0332
YIQ	201.9590, 57.6890, -59.8390

Conversions

Conversions Part 2

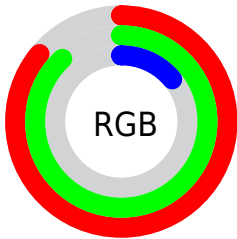
Format	Color
RYB	36, 225, 41
Decimal	14475556
CIELab	86.60, -21.19, 80.92
CIElCh	87, 83.647, 104.674
Yxy	69.1934, 0.4113, 0.5015
Android (android.graphics.Color)	4292665636 (0xFFDCE124)
YUV	201.9590, -81.8178, 15.8220
Hunter-Lab	83.1826, -23.7718, 49.6509

Details

The Hex color **DCE124** is a light color, and the websafe version is hex **CCCC00**. The color can be described as light washed yellow. A complement of this color would be **2924E1**, and the grayscale version is **CBCBCB**.

A 20% lighter version of the original color is **FFFF66**, and **A1AA00** is the 20% darker color. If you saturate the color by 10%, you get **DBE10D**, and if you desaturate by 10%, it is **DDE13A**.

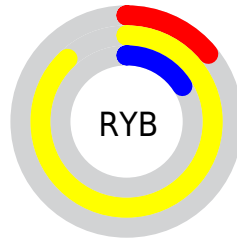
Distribution



Red (86%)

Green (88%)

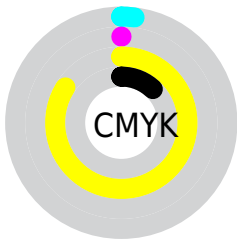
Blue (14%)



Red (14%)

Yellow (88%)

Blue (16%)

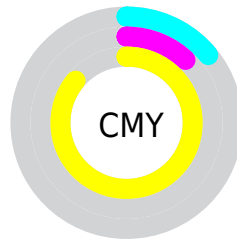


Cyan (2%)

Magenta (0%)

Yellow (84%)

Black (12%)



Cyan (14%)

Magenta (12%)

Yellow (86%)

Brightness & Saturation Gradients

These gradients show how the Hex color DCE124 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 DCE124 by changing the saturation by 10% instead.

 DCE124

 DCE124

FFFFFF

 BEC500

 FFFF66

 A1AA00

 FFFF84

 849000

 FFFFA1

 687600

 FFFFBE

 4B5E00

 FFFFDC

 304600

 FFFFF9

 153000

 001D00

 000000

 DCE124

 DCE124

 DBE10D

 DDE13A

 DBE100

 DDE151

 DEE167

 DEE17E

 DFE194

 E0E1AB

 E0E1C1

 E1E1D8

 E1E1EE

Harmonies

Analogous

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



FFC630



DCE124



80F25F

Triad

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



DCE124



00FAFF



FF92FF

Complementary

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



DCE124



2924E1

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.



FFB2FF



DCE124



00EDFF

Square

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



DCE124



00FEFF



83D4FF



FF8DB5

Rectangle

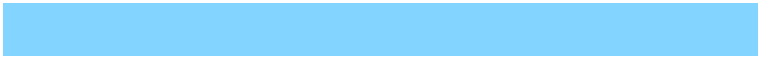
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



DCE124



00F991



83D4FF



FF9BFF

Sweetspot

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



DCE124



FDFFBF



E12724



7E8059



000000



808080

Same Dimension

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



DCE124



F8FF00



7FE124



707065



ABB000



2F3000

Inverse Universe

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



2924E1



0700FF



8624E1



656570



0500B0



010030

Previews

White Background



This preview shows how the Hex color DCE124 looks on a white background.

Color Contrast Check

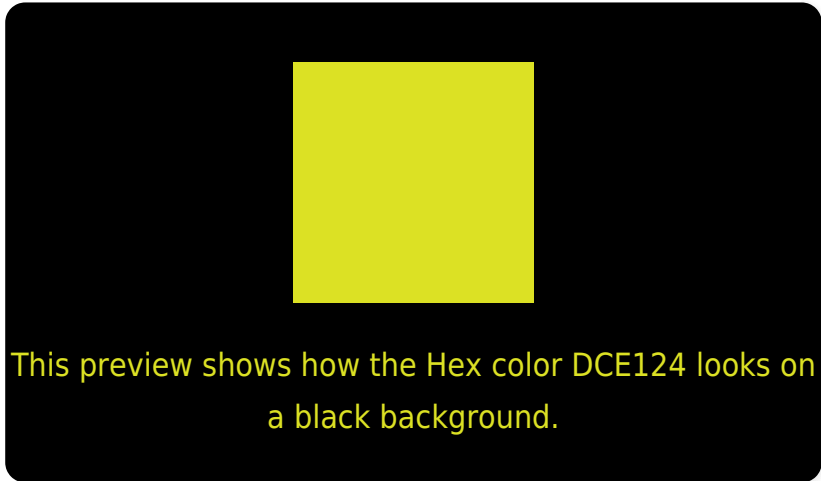
Large Text (above 18pt) WCAG AA × Fail

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 DCE124 Background



This preview shows how black text looks on a background with the Hex color DCE124.

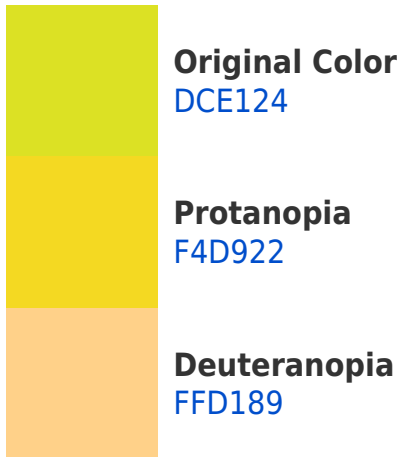


This preview shows how white text looks on a background with the Hex color DCE124.

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](#).

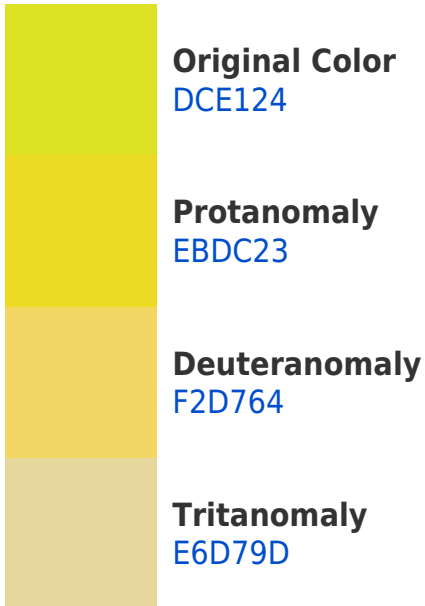
Dichromacy



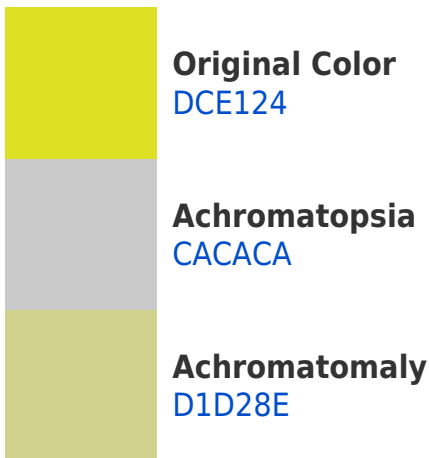


Tritanopia
EBD1E2

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex DCE124 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 #DCE124 looks like.

```
.text, #text, p{  
    color:#DCE124  
}
```

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 #DCE124 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #DCE124
}
```

Border

The CSS property to change the border of an element to Hex DCE124 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
#DCE124 }
```

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

```
.border{ border-color:#DCE124 }
```

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

Here you see how a box with a 4 pixel #DCE124 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #DCE124; -webkit-box-shadow:4px 4px  
4px 4px #DCE124; box-shadow:4px 4px 4px  
4px #DCE124 }
```

Background

The CSS property to change the background color of an element to Hex DCE124 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#DCE124 }
```

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

```
.background{ background-color:#DCE124 }
```

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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