

Converting Colors

Hex(D0E45A)

Have a look what the booklet for
Hex(D0E45A) contains.

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Color

Hex(D0E45A)

Conversions

Conversions Part 1

| Format | Color |
|-------------|-----------------------------|
| Hex | D0E45A |
| RGB | 208, 228, 90 |
| RGB Percent | 82%, 89%, 35% |
| CMY | 0.1843, 0.1059, 0.6471 |
| CMYK | 0.09, 0.00, 0.61, 0.11 |
| HSL | 69°, 72%, 62% |
| HSV | 69°, 61%, 89% |
| XYZ | 55.6013, 69.6349, 20.1832 |
| YIQ | 206.2880, 32.3780, -47.1580 |

Conversions

Conversions Part 2

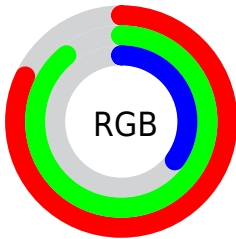
| Format | Color |
|-------------------------------------|---|
| RYB | 90, 228, 110 |
| Decimal | 13689946 |
| CIELab | 86.82, -25.01, 63.24 |
| CIElCh | 87, 68.002, 111.579 |
| Yxy | 69.6349, 0.3824, 0.4789 |
| Android (android.graphics.Color) | 4291880026 (0xFFD0E45A) |
| YUV | 206.2880, -57.3300, 1.5014 |
| Hunter-Lab | 83.4475, -27.0982, 44.0729 |

Details

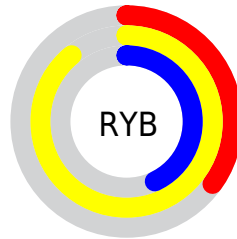
The Hex color **D0E45A** is a light color, and the websafe version is hex **CCCC33**. The color can be described as light muted yellow. A complement of this color would be **6E5AE4**, and the grayscale version is **CFCFCF**.

A 20% lighter version of the original color is **FFFF91**, and **97AD1F** is the 20% darker color. If you saturate the color by 10%, you get **CDE443**, and if you desaturate by 10%, it is **D3E471**.

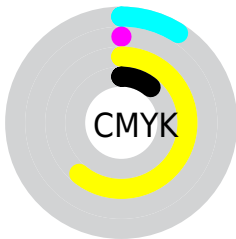
Distribution



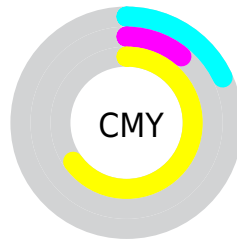
- Red (82%)
- Green (89%)
- Blue (35%)



- Red (35%)
- Yellow (89%)
- Blue (43%)



- Cyan (9%)
- Magenta (0%)
- Yellow (61%)
- Black (11%)



- Cyan (18%)
- Magenta (11%)
- Yellow (65%)

Brightness & Saturation Gradients

These gradients show how the Hex color D0E45A 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 D0E45A by changing the saturation by 10% instead.

 D0E45A

FFFFFF

 FFFF91

 FFFFAD

 FFFFCA

 FFFFE7

 D0E45A

 B3C83E

 97AD1F

 7B9200

 5F7800

 456000

 2A4800

 0D3100

 001E00

 000000

 D0E45A

 D0E45A

 CDE443

 D3E471

 C9E42C

 D7E488

 C6E416

 DAE49E

 C3E400

 DDE4B5

 E1E4CC

 E4E4E3

 E7E4FA

 EAE4FF

 EEE4FF

Harmonies

Analogous

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



FFD054



D0E45A



82F186

Triad

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



D0E45A



00F4FF



FFA2EE

Complementary

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



D0E45A



6E5AE4

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.



FFB5FF



D0E45A



00E6FF

Square

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



D0E45A



00F9FF



BED0FF



FFA4AE

Rectangle

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



D0E45A



1BF7AE



BED0FF



FFA7FF

Sweetspot

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



D0E45A



F8FFD1



E46C5A



7B8063



000000



808080

Same Dimension

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



D0E45A



E4FF45



8DE45A



717367



99B300



2C3300

Inverse Universe

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



6E5AE4



6045FF



B15AE4



696773



1A00B3



070033

Previews

White Background



This preview shows how the Hex color D0E45A looks on a white background.

Color Contrast Check

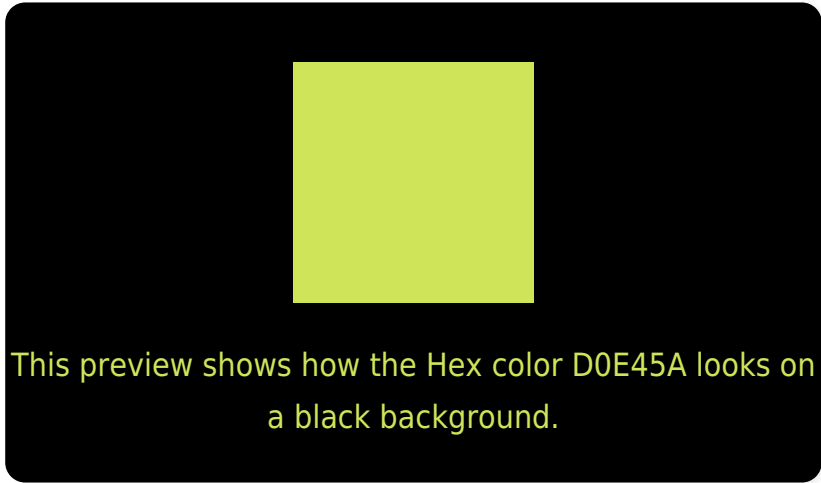
Large Text (above 18pt) WCAG AA × Fail

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 D0E45A Background



This preview shows how black text looks on a background with the Hex color D0E45A.

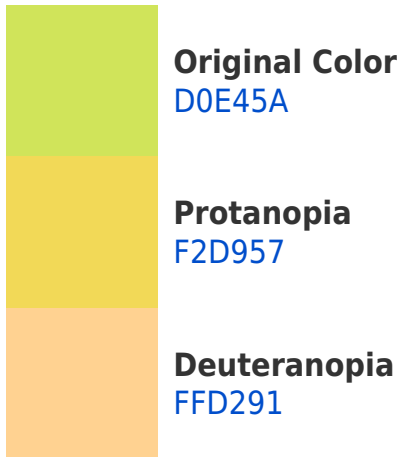


This preview shows how white text looks on a background with the Hex color D0E45A.

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](#).

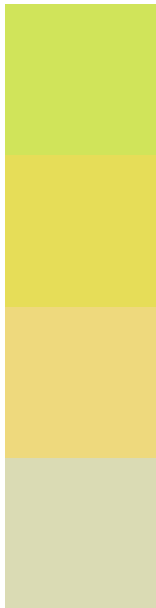
Dichromacy





Tritanopia
DFD6E7

Trichromacy



Original Color
D0E45A

Protanomaly
E6DD58

Deuteranomaly
EED97D

Tritanomaly
DADBB4

Monochromacy



Original Color
D0E45A

Achromatopsia
CECECE

Achromatomaly
CFD6A4

CSS Examples

Text

The CSS property to change the color of the text to Hex D0E45A 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 #D0E45A looks like.

```
.text, #text, p{  
    color:#D0E45A  
}
```

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 #D0E45A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #D0E45A
}
```

Border

The CSS property to change the border of an element to Hex D0E45A 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
#D0E45A }
```

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

```
.border{ border-color:#D0E45A }
```

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

Here you see how a box with a 4 pixel #D0E45A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #D0E45A; -webkit-box-shadow:4px 4px  
4px 4px #D0E45A; box-shadow:4px 4px 4px  
4px #D0E45A }
```

Background

The CSS property to change the background color of an element to Hex D0E45A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#D0E45A }
```

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

```
.background{ background-color:#D0E45A }
```

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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