

Converting Colors

Hex(D4E64D)

Have a look what the booklet for
Hex(D4E64D) contains.

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Color

Hex(D4E64D)

Conversions

Conversions Part 1

Format	Color
Hex	D4E64D
RGB	212, 230, 77
RGB Percent	83%, 90%, 30%
CMY	0.1686, 0.0980, 0.6980
CMYK	0.08, 0.00, 0.67, 0.10
HSL	67°, 75%, 60%
HSV	67°, 67%, 90%
XYZ	56.7877, 71.1265, 17.7569
YIQ	207.1760, 38.3850, -51.3990

Conversions

Conversions Part 2

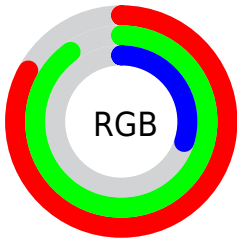
Format	Color
RYB	77, 230, 95
Decimal	13952589
CIELab	87.55, -25.20, 69.26
CIElCh	88, 73.700, 109.993
Yxy	71.1265, 0.3898, 0.4883
Android (android.graphics.Color)	4292142669 (0xFFD4E64D)
YUV	207.1760, -64.1768, 4.2306
Hunter-Lab	84.3365, -27.3965, 46.5521

Details

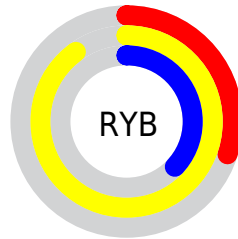
The Hex color **D4E64D** is a light color, and the websafe version is hex **CCCC33**. The color can be described as light muted yellow. A complement of this color would be **5F4DE6**, and the grayscale version is **D0D0D0**.

A 20% lighter version of the original color is **FFFF85**, and **9AAF00** is the 20% darker color. If you saturate the color by 10%, you get **D1E636**, and if you desaturate by 10%, it is **D7E664**.

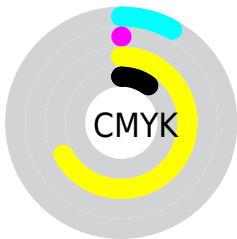
Distribution



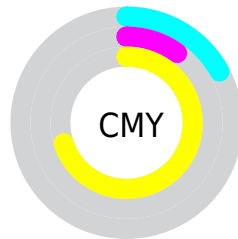
- Red (83%)
- Green (90%)
- Blue (30%)



- Red (30%)
- Yellow (90%)
- Blue (37%)



- Cyan (8%)
- Magenta (0%)
- Yellow (67%)
- Black (10%)



- Cyan (17%)
- Magenta (10%)
- Yellow (70%)

Brightness & Saturation Gradients

These gradients show how the Hex color D4E64D 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 D4E64D by changing the saturation by 10% instead.

 D4E64D

 D4E64D

FFFFFF

 B7CA2F

 FFFF85

 9AAF00

 FFFFA2

 7E9400

 FFFFBE

 627A00

 FFFFDB

 476100

 FFFFF9

 2B4A00

 0F3300

 001F00

 000000

 D4E64D

 D4E64D

 D1E636

 D7E664

 CFE61F

 D9E67B

 CCE608

 DCE692

 CBE600

 DFE6A9

 E2E6C0

 E4E6D7

 E7E6EE

 EAE6FF

 ECE6FF

Harmonies

Analogous

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



FFD049



D4E64D



7FF57D

Triad

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



D4E64D



00F8FF



FF9FF6

Complementary

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



D4E64D



5F4DE6

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



D4E64D



00EAFF

Square

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



D4E64D



00FEFF



B4D2FF



FF9FB0

Rectangle

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



D4E64D



00FAA9



B4D2FF



FFA4FF

Sweetspot

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



D4E64D



F9FFCC



E65F4D



7C8061



000000



808080

Same Dimension

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



D4E64D



E7FF33



88E64D



717367



9DB300



2D3300

Inverse Universe

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



5F4DE6



4B33FF



AB4DE6



696773



1500B3



060033

Previews

White Background



This preview shows how the Hex color D4E64D 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 D4E64D 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 D4E64D Background



This preview shows how black text looks on a background with the Hex color D4E64D.

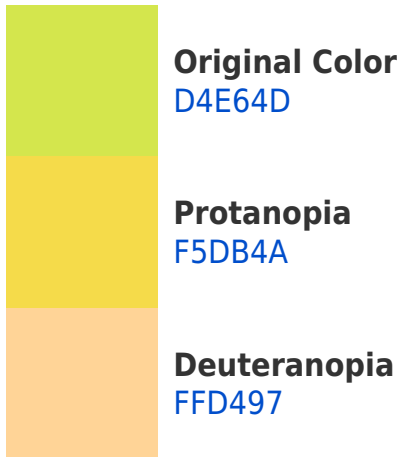


This preview shows how white text looks on a background with the Hex color D4E64D.

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](#).

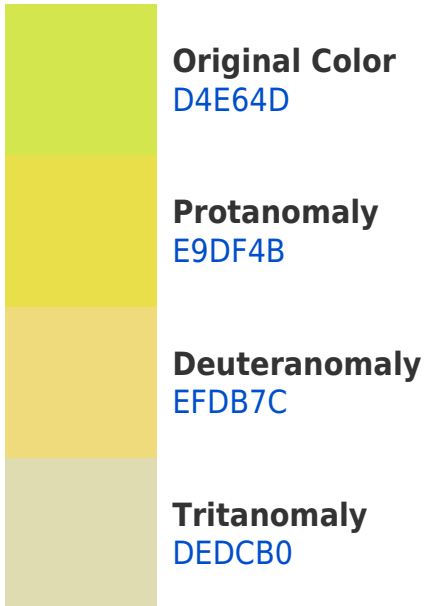
Dichromacy



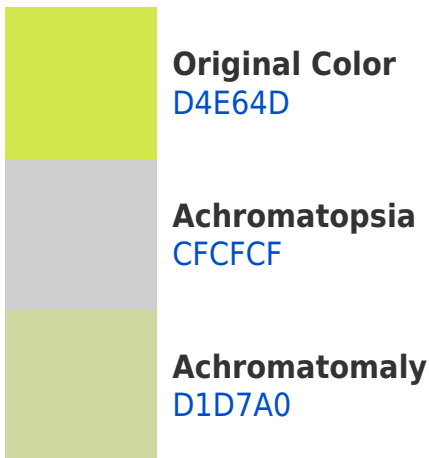


Tritanopia
E3D7E8

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex D4E64D 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 #D4E64D looks like.

```
.text, #text, p{  
    color:#D4E64D  
}
```

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 #D4E64D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #D4E64D
}
```

Border

The CSS property to change the border of an element to Hex D4E64D 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
#D4E64D }
```

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

```
.border{ border-color:#D4E64D }
```

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

Here you see how a box with a 4 pixel #D4E64D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #D4E64D; -webkit-box-shadow:4px 4px  
4px 4px #D4E64D; box-shadow:4px 4px 4px  
4px #D4E64D }
```

Background

The CSS property to change the background color of an element to Hex D4E64D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#D4E64D }
```

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

```
.background{ background-color:#D4E64D }
```

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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