

Converting Colors

Hex(E1D04B)

Have a look what the booklet for
Hex(E1D04B) contains.

Hex(E1D04B)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(E1D04B)

Conversions

Conversions Part 1

Format	Color
Hex	E1D04B
RGB	225, 208, 75
RGB Percent	88%, 82%, 29%
CMY	0.1176, 0.1843, 0.7059
CMYK	0.00, 0.08, 0.67, 0.12
HSL	53°, 71%, 59%
HSV	53°, 67%, 88%
XYZ	54.8772, 61.6273, 15.6595
YIQ	197.9210, 52.8250, -37.7590

Conversions

Conversions Part 2

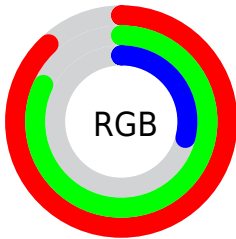
Format	Color
RYB	94, 225, 75
Decimal	14798923
CIELab	82.71, -9.15, 65.41
CIELCh	83, 66.049, 97.962
Yxy	61.6273, 0.4152, 0.4663
Android (android.graphics.Color)	4292989003 (0xFFE1D04B)
YUV	197.9210, -60.6001, 23.7483
Hunter-Lab	78.5031, -12.6007, 43.1252

Details

The Hex color **E1D04B** 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 **4B5CE1**, and the grayscale version is **C6C6C6**.

A 20% lighter version of the original color is **FFFF82**, and **A69A05** is the 20% darker color. If you saturate the color by 10%, you get **E1CD35**, and if you desaturate by 10%, it is **E1D362**.

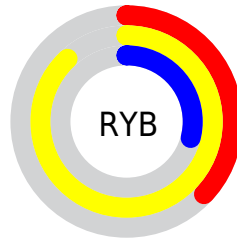
Distribution



Red (88%)

Green (82%)

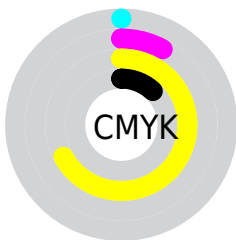
Blue (29%)



Red (37%)

Yellow (88%)

Blue (29%)

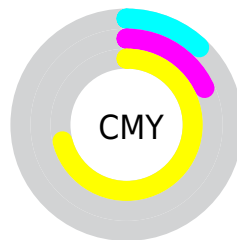


Cyan (0%)

Magenta (8%)

Yellow (67%)

Black (12%)



Cyan (12%)

Magenta (18%)

Yellow (71%)

Brightness & Saturation Gradients

These gradients show how the Hex color E1D04B 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 E1D04B by changing the saturation by 10% instead.

 E1D04B

 E1D04B

FFFFFF

 C3B52E

 FFFF82

 A69A05

 FFFF9E

 8A8000

 FFFFBA


 6E6700

 FFFF77

 535000

 FFFFF4

 383900

 1F2400

 001000

 000000

 E1D04B

 E1D04B

 E1CD35

 E1D362

 E1CB1E

 E1D578

 E1C808

 E1D88F

 E1C800

 E1DAA5

 E1DDBC

 E1DFD2

 E1E2E9

 E1E4FF

 E1E7FF

Harmonies

Analogous

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



FFBA59



E1D04B



9FE067

Triad

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



E1D04B



00EAFB



FF9FFE

Complementary

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



E1D04B



4B5CE1

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.



E7B7FF



E1D04B



00E1FF

Square

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



E1D04B



00EDDD



78CFFF



FF97C0

Rectangle

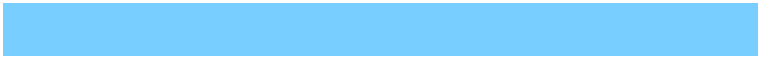
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



E1D04B



64E789



78CFFF



FFA6FF

Sweetspot

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



E1D04B



FFF9CC



E14B5D



807C61



000000



808080

Same Dimension

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



E1D04B



FFE833



A8E14B



706F65



B09C00



302B00

Inverse Universe

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



4B5CE1



334AFF



844BE1



656670



0014B0



000530

Previews

White Background



This preview shows how the Hex color E1D04B looks on a white background.

Color Contrast Check

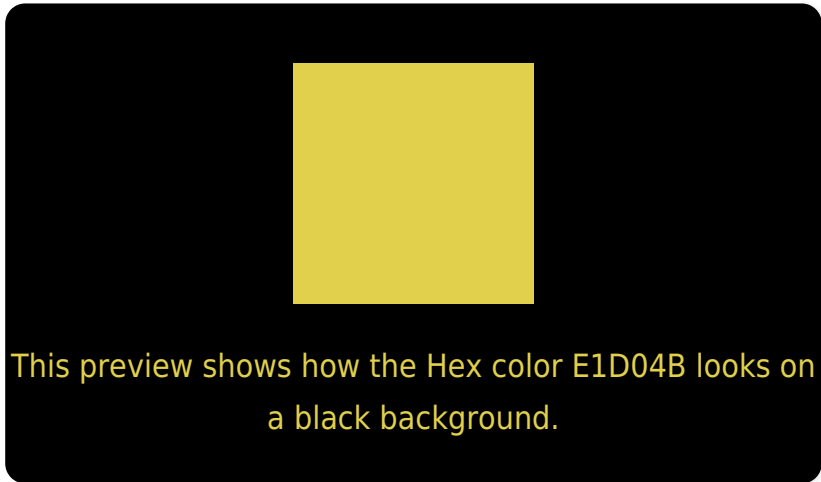
Large Text (above 18pt) WCAG AA × Fail

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 E1D04B Background



This preview shows how black text looks on a background with the Hex color E1D04B.

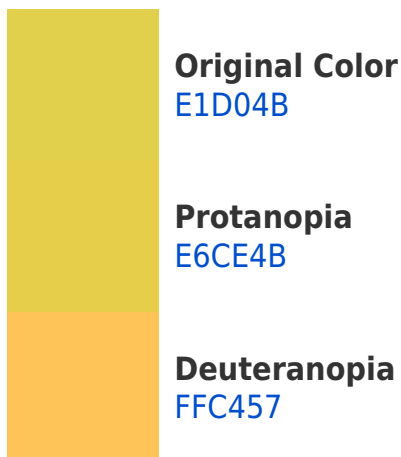


This preview shows how white text looks on a background with the Hex color E1D04B.

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



Trichromacy



Original Color
E1D04B

Protanomaly
E4CF4B

Deuteranomaly
F4C853

Tritanomaly
E8C8A1

Monochromacy



Original Color
E1D04B

Achromatopsia
C6C6C6

Achromatomaly
D0CA99

CSS Examples

Text

The CSS property to change the color of the text to Hex E1D04B 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 #E1D04B looks like.

```
.text, #text, p{  
    color:#E1D04B  
}
```

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 #E1D04B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #E1D04B
}
```

Border

The CSS property to change the border of an element to Hex E1D04B 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
#E1D04B }
```

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

```
.border{ border-color:#E1D04B }
```

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

Here you see how a box with a 4 pixel #E1D04B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #E1D04B; -webkit-box-shadow:4px 4px  
4px 4px #E1D04B; box-shadow:4px 4px 4px  
4px #E1D04B }
```

Background

The CSS property to change the background color of an element to Hex E1D04B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#E1D04B }
```

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

```
.background{ background-color:#E1D04B }
```

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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