

Converting Colors

Hex(E6D04F)

Have a look what the booklet for
Hex(E6D04F) contains.

Hex(E6D04F)	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(E6D04F)

Conversions

Conversions Part 1

Format	Color
Hex	E6D04F
RGB	230, 208, 79
RGB Percent	90%, 82%, 31%
CMY	0.0980, 0.1843, 0.6902
CMYK	0.00, 0.10, 0.66, 0.10
HSL	51°, 75%, 61%
HSV	51°, 66%, 90%
XYZ	56.6003, 62.4993, 16.4775
YIQ	199.8720, 54.5210, -35.4550

Conversions

Conversions Part 2

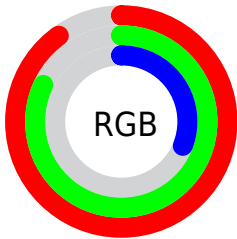
Format	Color
RYB	105, 230, 79
Decimal	15126607
CIELab	83.18, -6.83, 64.42
CIELCh	83, 64.779, 96.055
Yxy	62.4993, 0.4175, 0.4610
Android (android.graphics.Color)	4293316687 (0xFFE6D04F)
YUV	199.8720, -59.5899, 26.4223
Hunter-Lab	79.0565, -10.5522, 42.9819

Details

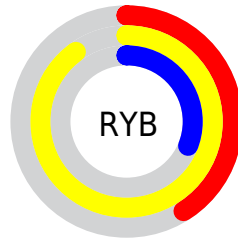
The Hex color **E6D04F** is a light color, and the websafe version is hex **CCCC33**. The color can be described as light muted yellow. A complement of this color would be **4F65E6**, and the grayscale version is **C8C8C8**.

A 20% lighter version of the original color is **FFFF86**, and **AB9A0F** is the 20% darker color. If you saturate the color by 10%, you get **E6CD38**, and if you desaturate by 10%, it is **E6D366**.

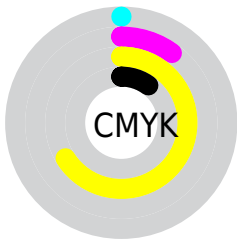
Distribution



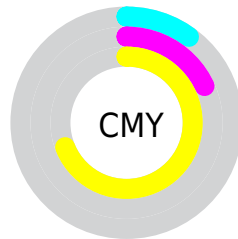
- Red (90%)
- Green (82%)
- Blue (31%)



- Red (41%)
- Yellow (90%)
- Blue (31%)



- Cyan (0%)
- Magenta (10%)
- Yellow (66%)
- Black (10%)



- Cyan (10%)
- Magenta (18%)
- Yellow (69%)

Brightness & Saturation Gradients

These gradients show how the Hex color E6D04F 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 E6D04F by changing the saturation by 10% instead.

 E6D04F

 E6D04F

FFFFFF

 C8B533

 FFFF86

 AB9A0F

 FFFFA2

 8E8000

 FFFFBE

 726700


 FFFFDB

 575000

 FFFFF8

 3C3900

 232400

 000F00

 000000

 E6D04F

 E6D04F

 E6CD38

 E6D366

 E6C921

 E6D77D

 E6C60A

 E6DA94

 E6C400

 E6DDAB

 E6E1C2

 E6E4D9

 E6E7F0

 E6EBFF

 E6EEFF

Harmonies

Analogous

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



FFBA5E



E6D04F



A6E068

Triad

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



E6D04F



00ECFF



FFA3FF

Complementary

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



E6D04F



4F65E6

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.



E3BAFF



E6D04F



00E3FF

Square

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



E6D04F



00EEDA



73D2FF



FF99C5

Rectangle

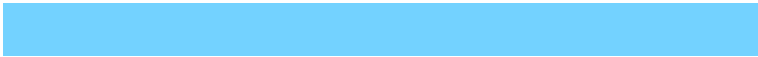
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



E6D04F



6FE788



73D2FF



FFAAFF

Sweetspot

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



E6D04F



FFF8CC



E64F66



807B61



000000



808080

Same Dimension

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



E6D04F



FFE236



B1E64F



737167



B39800



332C00

Inverse Universe

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



4F65E6



3653FF



844FE6



676973



001AB3



000733

Previews

White Background



This preview shows how the Hex color E6D04F looks on a white background.

Color Contrast Check

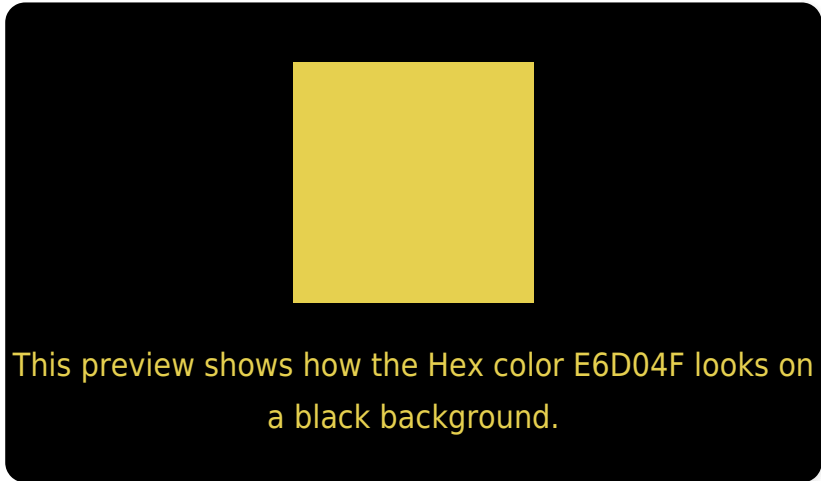
Large Text (above 18pt) WCAG AA × Fail

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 E6D04F Background



This preview shows how black text looks on a background with the Hex color E6D04F.



This preview shows how white text looks on a background with the Hex color E6D04F.

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



Original Color
E6D04F

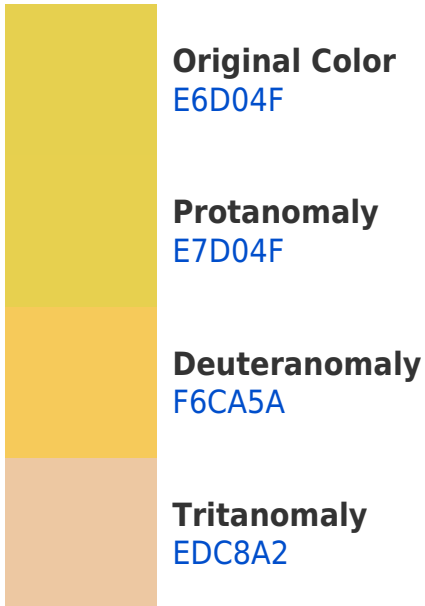
Protanopia
E7D04F

Deuteranopia
FFC660



Tritanopia
F1C3D2

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex E6D04F 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 #E6D04F looks like.

```
.text, #text, p{  
    color:#E6D04F  
}
```

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 #E6D04F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #E6D04F
}
```

Border

The CSS property to change the border of an element to Hex E6D04F 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
#E6D04F }
```

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

```
.border{ border-color:#E6D04F }
```

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

Here you see how a box with a 4 pixel #E6D04F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #E6D04F; -webkit-box-shadow:4px 4px  
4px 4px #E6D04F; box-shadow:4px 4px 4px  
4px #E6D04F }
```

Background

The CSS property to change the background color of an element to Hex E6D04F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#E6D04F }
```

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

```
.background{ background-color:#E6D04F }
```

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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