

Converting Colors

Hex(E6D066)

Have a look what the booklet for
Hex(E6D066) contains.

Hex(E6D066)	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(E6D066)

Conversions

Conversions Part 1

Format	Color
Hex	E6D066
RGB	230, 208, 102
RGB Percent	90%, 82%, 40%
CMY	0.0980, 0.1843, 0.6000
CMYK	0.00, 0.10, 0.56, 0.10
HSL	50°, 72%, 65%
HSV	50°, 56%, 90%
XYZ	57.5873, 62.8941, 21.6750
YIQ	202.4940, 47.1380, -28.3020

Conversions

Conversions Part 2

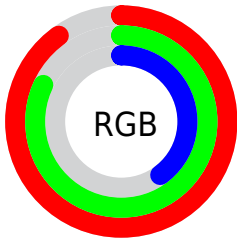
Format	Color
RYB	129, 230, 102
Decimal	15126630
CIELab	83.39, -5.30, 54.58
CIELCh	83, 54.835, 95.547
Yxy	62.8941, 0.4051, 0.4424
Android (android.graphics.Color)	4293316710 (0xFFE6D066)
YUV	202.4940, -49.5435, 24.1228
Hunter-Lab	79.3058, -9.1687, 39.3096

Details

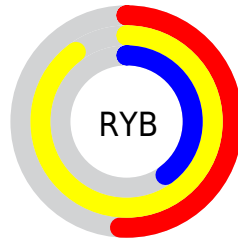
The Hex color **E6D066** is a light color, and the websafe version is hex **CCCC66**. A complement of this color would be **667CE6**, and the grayscale version is **CBCBCB**.

A 20% lighter version of the original color is **FFFF9C**, and **AC9A31** is the 20% darker color. If you saturate the color by 10%, you get **E6CC4F**, and if you desaturate by 10%, it is **E6D47D**.

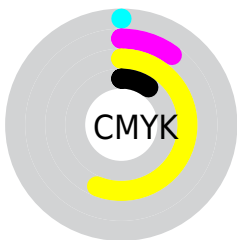
Distribution



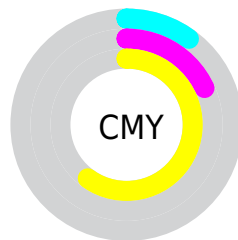
- Red (90%)
- Green (82%)
- Blue (40%)



- Red (51%)
- Yellow (90%)
- Blue (40%)



- Cyan (0%)
- Magenta (10%)
- Yellow (56%)
- Black (10%)



- Cyan (10%)
- Magenta (18%)
- Yellow (60%)

Brightness & Saturation Gradients

These gradients show how the Hex color E6D066 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 E6D066 by changing the saturation by 10% instead.

 E6D066

 E6D066

FFFFFF

 C9B54C

 FFFF9C

 AC9A31

 FFFF88

 908013

 FFFF66

 746700

 FFFF33

 594F00

 3F3900

 262400

 050F00

 000000

 E6D066

 E6D066

 E6CC4F

 E6D47D

 E6C838

 E6D894

 E6C421

 E6DCAB

 E6C00A

 E6E0C2

 E6BE00

 E6E4D9

 E6E8F0

 E6ECFF

 E6F0FF

 E6F4FF

Harmonies

Analogous

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



FFBE72



E6D066



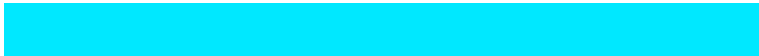
AFDE79

Triad

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



E6D066



00E8FF



FFACFC

Complementary

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



E6D066



667CE6

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.



E1BFFF



E6D066



00E0FF

Square

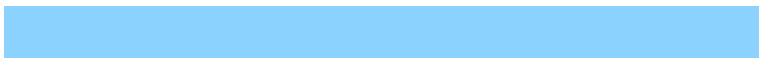
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



E6D066



00EAD8



8CD2FF



FFA5C8

Rectangle

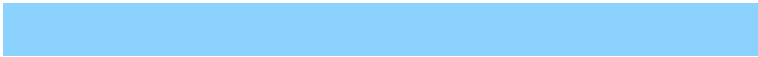
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



E6D066



84E593



8CD2FF



FFB2FF

Sweetspot

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



E6D066



FFF8D4



E6667D



807B66



000000



808080

Same Dimension

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



E6D066



FFE254



BDE666



737167



B39400



332A00

Inverse Universe

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



667CE6



5472FF



8F66E6



676973



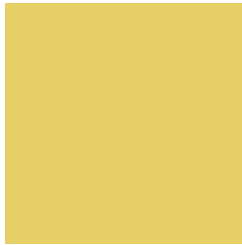
001FB3



000933

Previews

White Background



This preview shows how the Hex color E6D066 looks on a white background.

Color Contrast Check

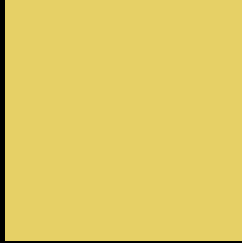
Large Text (above 18pt) WCAG AA × Fail

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 E6D066 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 E6D066 Background



This preview shows how black text looks on a background with the Hex color E6D066.



This preview shows how white text looks on a background with the Hex color E6D066.

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
E6D066

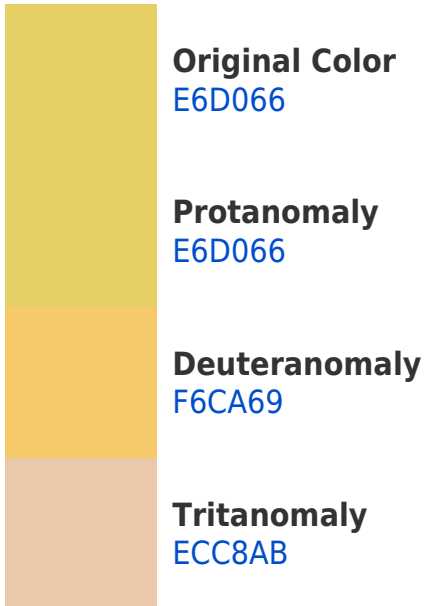
Protanopia
E6D066

Deuteranopia
FFC66B

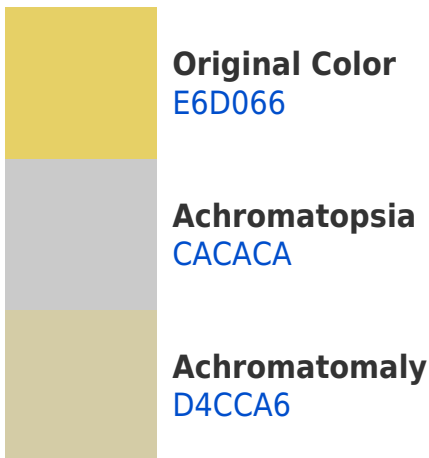


Tritanopia
F0C4D3

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex E6D066 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 #E6D066 looks like.

```
.text, #text, p{  
    color:#E6D066  
}
```

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 #E6D066 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #E6D066
}
```

Border

The CSS property to change the border of an element to Hex E6D066 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
#E6D066 }
```

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

```
.border{ border-color:#E6D066 }
```

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

Here you see how a box with a 4 pixel #E6D066 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #E6D066; -webkit-box-shadow:4px 4px  
4px 4px #E6D066; box-shadow:4px 4px 4px  
4px #E6D066 }
```

Background

The CSS property to change the background color of an element to Hex E6D066 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#E6D066 }
```

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

```
.background{ background-color:#E6D066 }
```

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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