

# Converting Colors

Hex(E1B066)

Have a look what the booklet for  
Hex(E1B066) contains.

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# **Color**

**Hex(E1B066)**

# Conversions

## Conversions Part 1

Format	Color
Hex	E1B066
RGB	225, 176, 102
RGB Percent	88%, 69%, 40%
CMY	0.1176, 0.3098, 0.6000
CMYK	0.00, 0.22, 0.55, 0.12
HSL	36°, 67%, 64%
HSV	36°, 55%, 88%
XYZ	48.9749, 48.0175, 19.2574
YIQ	182.2150, 52.9580, -12.6260

# Conversions

## Conversions Part 2

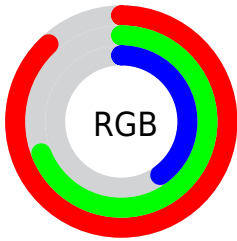
<b>Format</b>	<b>Color</b>
<b>RYB</b>	183, 225, 102
Decimal	14790758
CIELab	74.84, 9.32, 44.35
CIELCh	75, 45.317, 78.137
Yxy	48.0175, 0.4213, 0.4131
Android (android.graphics.Color)	4292980838 (0xFFE1B066)
YUV	182.2150, -39.5460, 37.5224
Hunter-Lab	69.2947, 4.8916, 32.0292

# Details

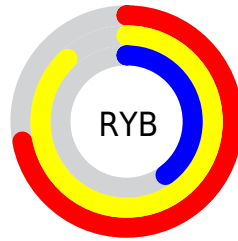
The Hex color **E1B066** is a light color, and the websafe version is hex **CC9966**. A complement of this color would be **6697E1**, and the grayscale version is **B7B7B7**.

A 20% lighter version of the original color is **FFE79B**, and **A77C34** is the 20% darker color. If you saturate the color by 10%, you get **E1A750**, and if you desaturate by 10%, it is **E1B97D**.

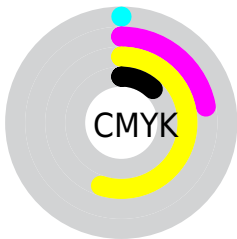
# Distribution



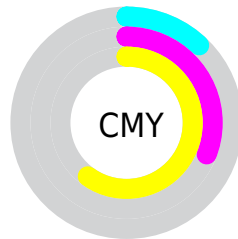
- Red (88%)
- Green (69%)
- Blue (40%)



- Red (72%)
- Yellow (88%)
- Blue (40%)



- Cyan (0%)
- Magenta (22%)
- Yellow (55%)
- Black (12%)




- Cyan (12%)
- Magenta (31%)
- Yellow (60%)


# Brightness & Saturation Gradients

These gradients show how the Hex color E1B066 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 E1B066 by changing the saturation by 10% instead.



 E1B066

 E1B066

FFFFFF

 C4954D

 FFE79B

 A77C34

 FFFFB6

 8B631B

 FFFFDD

 6F4B00

 FFFFEE

 553400

 3A1F00

 220A00

 000000

 E1B066

 E1B066

 E1A750

 E1B97D

 E19E39

 E1C293

 E19523

 E1CBAA

 E18C0C

 E1D4C0

 E18700

 E1DDD7

 E1E6ED

 E1EFFF

 E1F8FF

 E1FFFF

# Harmonies

## Analogous

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



FDA17C



E1B066



B9BE67

# Triad

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



E1B066



00CED1



DCA4F0

# Complementary

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



E1B066



6697E1

# 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.



A3B4FF



E1B066



00CAF5

# Square

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



E1B066



4ECDA6



53C1FF



FE99CB

# Rectangle

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



E1B066



9BC575



53C1FF



CBA9FA



# Sweetspot

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



E1B066



FFEFD6



E16697



807667



000000



808080



# Same Dimension

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



E1B066



FFBC57



D5E166



706C65



B06A00



301D00

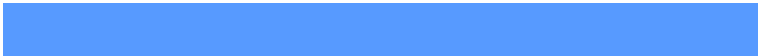


# Inverse Universe

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



6697E1



579AFF



7266E1



656970



0046B0



001330



# Previews

## White Background



This preview shows how the Hex color E1B066 looks on a white background.

## Color Contrast Check

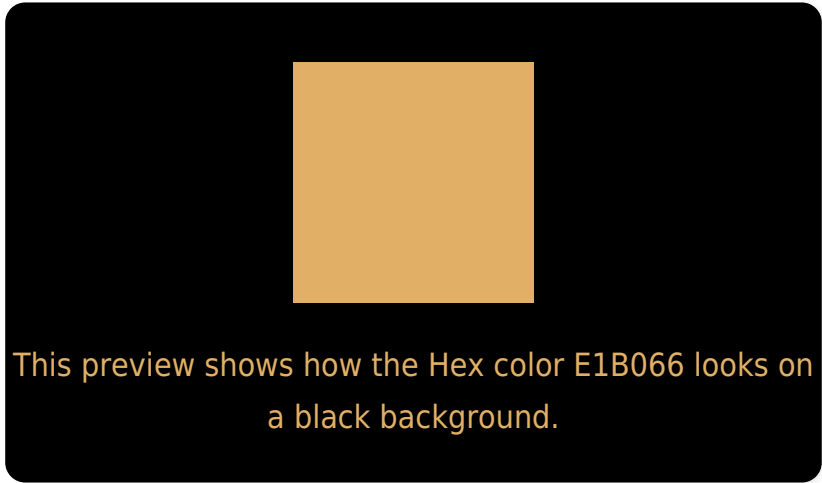
Large Text (above 18pt) WCAG AA × Fail

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 E1B066 Background



This preview shows how black text looks on a background with the Hex color E1B066.



This preview shows how white text looks on a background with the Hex color E1B066.

# 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**  
E1B066

**Protanopia**  
CAB969

**Deuteranopia**  
E1B066



**Tritanopia**  
E8A7B4

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex E1B066 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 #E1B066 looks like.

```
.text, #text, p{  
    color:#E1B066  
}
```

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 #E1B066 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #E1B066
}
```

## Border

The CSS property to change the border of an element to Hex E1B066 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
#E1B066 }
```

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

```
.border{ border-color:#E1B066 }
```

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

Here you see how a box with a 4 pixel #E1B066 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #E1B066; -webkit-box-shadow:4px 4px  
4px 4px #E1B066; box-shadow:4px 4px 4px  
4px #E1B066 }
```

# Background

The CSS property to change the background color of an element to Hex E1B066 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#E1B066 }
```

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

```
.background{ background-color:#E1B066 }
```

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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