

# Converting Colors

Hex(E0B566)

Have a look what the booklet for  
Hex(E0B566) contains.

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# **Color**

**Hex(E0B566)**

# Conversions

## Conversions Part 1

Format	Color
Hex	E0B566
RGB	224, 181, 102
RGB Percent	88%, 71%, 40%
CMY	0.1216, 0.2902, 0.6000
CMYK	0.00, 0.19, 0.54, 0.12
HSL	39°, 66%, 64%
HSV	39°, 54%, 88%
XYZ	49.6626, 49.8543, 19.5757
YIQ	184.8510, 50.9870, -15.4530

# Conversions

## Conversions Part 2

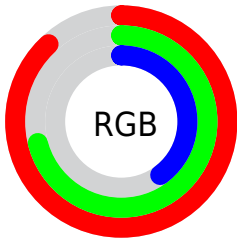
Format	Color
<a href="#">RYB</a>	<a href="#">168, 224, 102</a>
Decimal	<a href="#">14726502</a>
CIELab	<a href="#">75.98, 6.25, 45.71</a>
CIELCh	<a href="#">76, 46.132, 82.210</a>
Yxy	<a href="#">49.8543, 0.4170, 0.4186</a>
Android (android.graphics.Color)	<a href="#">4292916582</a> ( <a href="#">0xFFE0B566</a> )
YUV	<a href="#">184.8510, -40.8455, 34.3337</a>
Hunter-Lab	<a href="#">70.6076, 1.9866, 32.9874</a>

# Details

The Hex color **E0B566** is a light color, and the websafe version is hex **FFCC66**. A complement of this color would be **6691E0**, and the grayscale version is **B9B9B9**.

A 20% lighter version of the original color is **FFED9B**, and **A68034** is the 20% darker color. If you saturate the color by 10%, you get **E0AD50**, and if you desaturate by 10%, it is **E0BD7C**.

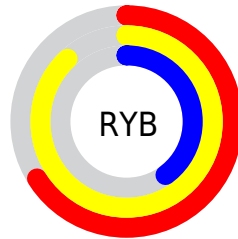
# Distribution



Red (88%)

Green (71%)

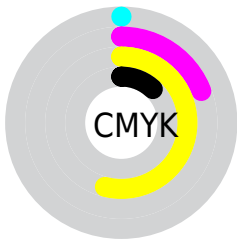
Blue (40%)



Red (66%)

Yellow (88%)

Blue (40%)

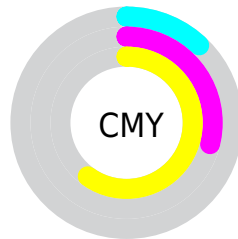


Cyan (0%)

Magenta (19%)

Yellow (54%)

Black (12%)



Cyan (12%)

Magenta (29%)

Yellow (60%)

# Brightness & Saturation Gradients

These gradients show how the Hex color E0B566 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 E0B566 by changing the saturation by 10% instead.



 E0B566

 E0B566

FFFFFF

 C39A4D

 FFED9B

 A68034

 FFFFB6

 8A671A

 FFFFDD

 6E5000

 FFFFEE

 543900

 392400

 210F00

 000000

 E0B566

 E0B566

 E0AD50

 E0BD7C

 E0A539

 E0C593

 E09D23

 E0CDA9

 E0950C

 E0D5C0

 E09100

 E0DCD6

 E0E4EC

 E0ECFF

 E0F4FF

 E0FCFF

# Harmonies

## Analogous

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



FFA679



E0B566



B6C36A

# Triad

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



E0B566



00D1DA



E6A5F0

# Complementary

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



E0B566



6691E0

# 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.



AFB4FF



E0B566



00CDFE

# Square

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



E0B566



44D1AE



61C3FF



FF9AC8

# Rectangle

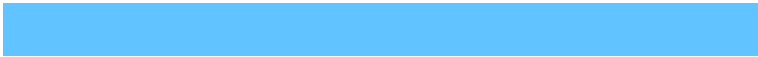
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



E0B566



96C97A



61C3FF



D6AAFB

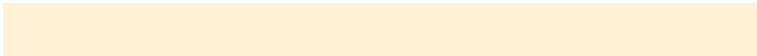


# Sweetspot

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



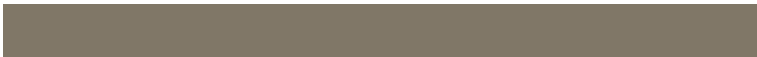
E0B566



FFF1D6



E06693



807767



000000



808080



# Same Dimension

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



E0B566



FFC559



D0E066



706C65



B07200



301F00



# Inverse Universe

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



6691E0



5994FF



7666E0



656970



003EB0



001130



# Previews

## White Background



This preview shows how the Hex color E0B566 looks on a white background.

## Color Contrast Check

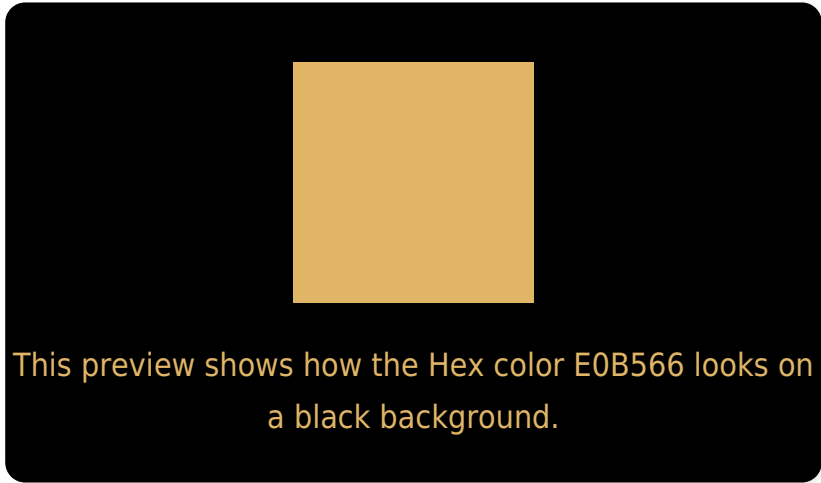
Large Text (above 18pt) WCAG AA × Fail

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

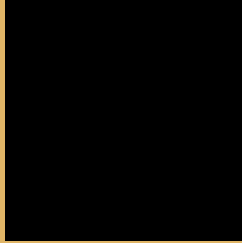
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex E0B566 Background



This preview shows how black text looks on a background with the Hex color E0B566.



This preview shows how white text looks on a background with the Hex color E0B566.

# 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](#).

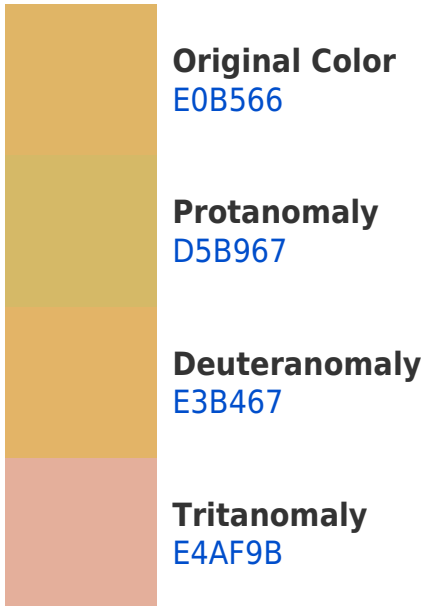
## Dichromacy





**Tritanopia**  
E7ABB9

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex E0B566 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 #E0B566 looks like.

```
.text, #text, p{  
    color:#E0B566  
}
```

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 #E0B566 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #E0B566
}
```

## Border

The CSS property to change the border of an element to Hex E0B566 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
#E0B566 }
```

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

```
.border{ border-color:#E0B566 }
```

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

Here you see how a box with a 4 pixel #E0B566 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #E0B566; -webkit-box-shadow:4px 4px  
4px 4px #E0B566; box-shadow:4px 4px 4px  
4px #E0B566 }
```

# Background

The CSS property to change the background color of an element to Hex E0B566 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#E0B566 }
```

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

```
.background{ background-color:#E0B566 }
```

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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