

# Converting Colors

Hex( ECB791 )

Have a look what the booklet for  
Hex( ECB791 ) contains.

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**Color**

**Hex(ECB791)**

# Conversions

## Conversions Part 1

Format	Color
Hex	ECB791
RGB	236, 183, 145
RGB Percent	93%, 72%, 57%
CMY	0.0745, 0.2824, 0.4314
CMYK	0.00, 0.22, 0.39, 0.07
HSL	25°, 71%, 75%
HSV	25°, 39%, 93%
XYZ	56.6364, 53.7442, 34.1767
YIQ	194.5150, 43.7860, -0.5820

# Conversions

## Conversions Part 2

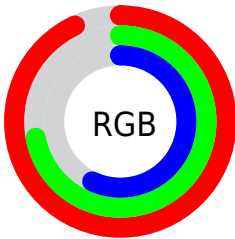
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	236, 210, 145
Decimal	15513489
CIE Lab	78.31, 14.23, 26.69
CIE LCh	78, 30.243, 61.933
Yxy	53.7442, 0.3918, 0.3718
Android (android.graphics.Color)	4293703569 (0xFFECB791)
YUV	194.5150, -24.4109, 36.3823
Hunter-Lab	73.3104, 9.6080, 23.6768

# Details

The Hex color **ECB791** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **91C6EC**, and the grayscale version is **C3C3C3**.

A 20% lighter version of the original color is **FFEFC7**, and **B2825E** is the 20% darker color. If you saturate the color by 10%, you get **ECA979**, and if you desaturate by 10%, it is **ECC5A9**.

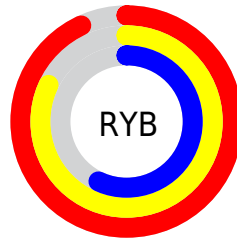
# Distribution



Red (93%)

Green (72%)

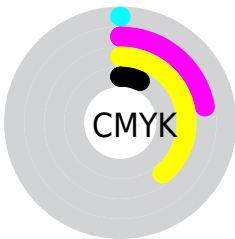
Blue (57%)



Red (93%)

Yellow (82%)

Blue (57%)

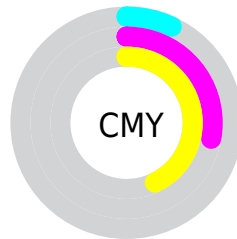


Cyan (0%)

Magenta (22%)

Yellow (39%)

Black (7%)



Cyan (7%)

Magenta (28%)

Yellow (43%)

# Brightness & Saturation Gradients

These gradients show how the Hex color ECB791 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 ECB791 by changing the saturation by 10% instead.



 ECB791

 ECB791

FFFFFF

 CF9C77


 FFEFC7

 B2825E

 FFFF E3

 976946

 7B512F

 613919

 472400

 2E0F00

 110000

 000000

 ECB791

 ECB791

 ECA979

 ECC5A9

 EC9C62

 ECD2C0

 EC8E4A

 ECE0D8

 EC8033

 ECEEEF

 EC721B

 ECFCFF

 EC6503

 ECFFFF

 EC6300

# Harmonies

## Analogous

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



F9AFA5



ECB791



D4C08A

# Triad

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



ECB791



78D1C3



C8BAF1

# Complementary

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



ECB791



91C6EC

# 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.



A1C4F9



ECB791



6BD0DE

# Square

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



ECB791



95CFA6



7CCCF2



E7B1DD

# Rectangle

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



ECB791



C0C68D



7CCCF2



BCBDF6

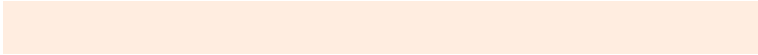


# Sweetspot

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



ECB791



FFEDE0



EC91C6



80756E



000000



808080



# Same Dimension

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



ECB791



FFBB8A



ECE491



756E6A



B54C00



361600

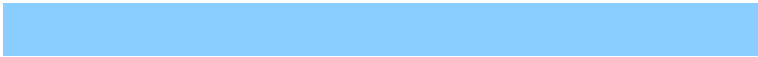


# Inverse Universe

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



91C6EC



8ACEFF



9199EC



6A7075



0069B5



001F36



# Previews

## White Background



This preview shows how the Hex color ECB791 looks on a white background.

## Color Contrast Check

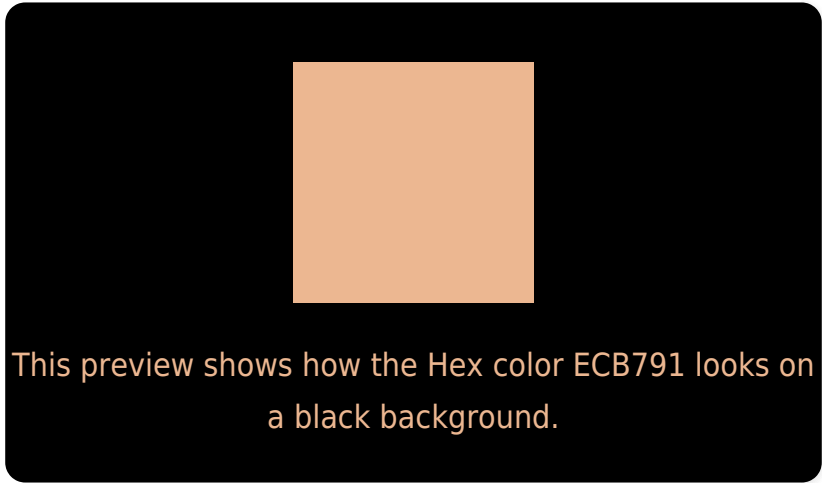
Large Text (above 18pt) WCAG AA × Fail

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

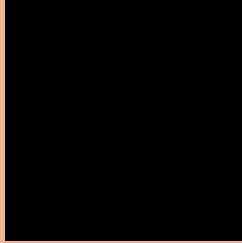
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex ECB791 Background



This preview shows how black text looks on a background with the Hex color ECB791.

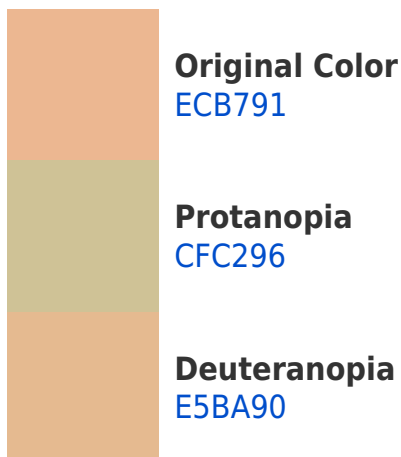


This preview shows how white text looks on a background with the Hex color ECB791.

# 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



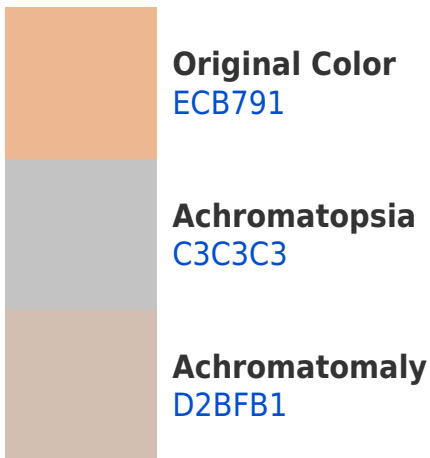


**Tritanopia**  
F1B1BE

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex ECB791 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 #ECB791 looks like.

```
.text, #text, p{  
    color:#ECB791  
}
```

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 #ECB791 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #ECB791
}
```

## Border

The CSS property to change the border of an element to Hex ECB791 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
#ECB791 }
```

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

```
.border{ border-color:#ECB791 }
```

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

Here you see how a box with a 4 pixel #ECB791 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #ECB791; -webkit-box-shadow:4px 4px  
4px 4px #ECB791; box-shadow:4px 4px 4px  
4px #ECB791 }
```

# Background

The CSS property to change the background color of an element to Hex ECB791 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#ECB791 }
```

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

```
.background{ background-color:#ECB791 }
```

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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