

# Converting Colors

Hex(E2BF92)

Have a look what the booklet for  
Hex(E2BF92) contains.

<b>Hex(E2BF92)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	11
<b><i>Previews</i></b> .....	23
<b><i>Color Blindness Simulation</i></b> .....	26
<b><i>CSS Examples</i></b> .....	29

# **Color**

**Hex(E2BF92)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	E2BF92
RGB	226, 191, 146
RGB Percent	89%, 75%, 57%
CMY	0.1137, 0.2510, 0.4275
CMYK	0.00, 0.15, 0.35, 0.11
HSL	34°, 58%, 73%
HSV	34°, 35%, 89%
XYZ	55.1831, 55.5057, 34.9993
YIQ	196.3350, 35.3050, -6.5750

# Conversions

## Conversions Part 2

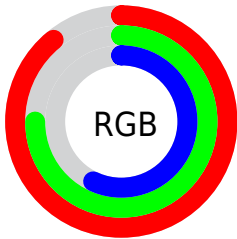
Format	Color
R <sub>Y</sub> B	208, 226, 146
Decimal	14860178
CIE Lab	79.33, 6.21, 27.36
CIE LCh	79, 28.057, 77.221
Yxy	55.5057, 0.3788, 0.3810
Android (android.graphics.Color)	4293050258 (0xFFE2BF92)
YUV	196.3350, -24.8152, 26.0162
Hunter-Lab	74.5021, 1.8348, 24.2985

# Details

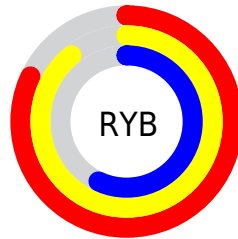
The Hex color **E2BF92** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **92B5E2**, and the grayscale version is **C5C5C5**.

A 20% lighter version of the original color is **FFF7C8**, and **A98A5F** is the 20% darker color. If you saturate the color by 10%, you get **E2B57B**, and if you desaturate by 10%, it is **E2C9A9**.

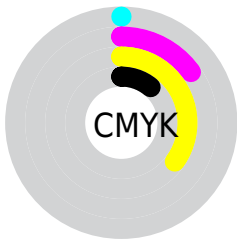
# Distribution



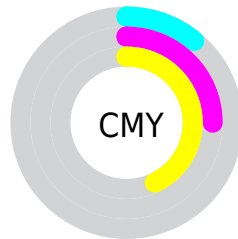
- Red (89%)
- Green (75%)
- Blue (57%)



- Red (82%)
- Yellow (89%)
- Blue (57%)



- Cyan (0%)
- Magenta (15%)
- Yellow (35%)
- Black (11%)



- Cyan (11%)
- Magenta (25%)
- Yellow (43%)

# Brightness & Saturation Gradients

These gradients show how the Hex color E2BF92 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 E2BF92 by changing the saturation by 10% instead.



 E2BF92

 E2BF92

FFFFFF

 C5A478

 FFF7C8

 A98A5F

 FFFFE4

 8E7047

 735830

 5A411A

 412B01

 291600

 090000

 000000

 E2BF92

 E2BF92

 E2B57B

 E2C9A9

 E2AB65

 E2D3BF

 E2A14E

 E2DDD6

 E29738

 E2E7EC

 E28E21

 E2F0FF

 E2840A

 E2FAFF

 E27F00

 E2FFFF

# Harmonies

## Analogous

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



F4B79F



E2BF92



C8C892

# Triad

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



E2BF92



7AD3D3



DBB9E8

# Complementary

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



E2BF92



92B5E2

# 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.



BAC2F6



E2BF92



7CD0EA

# Square

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



E2BF92



8ED2B8



95CAF7



F2B3D1

# Rectangle

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



E2BF92



B4CC9A



95CAF7



D1BCEE



# Sweetspot

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



E2BF92



FFF3E3



E292B6



80786F



000000



808080



# Same Dimension

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



E2BF92



FFD094



DEE292



706B65



B06300



301B00

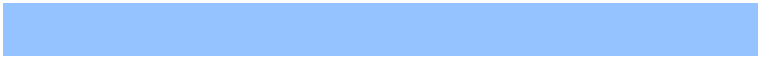


# Inverse Universe

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



92B5E2



94C3FF



9692E2



656A70



004DB0

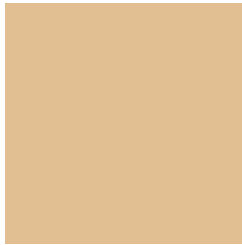


001530



# Previews

## White Background



This preview shows how the Hex color E2BF92 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

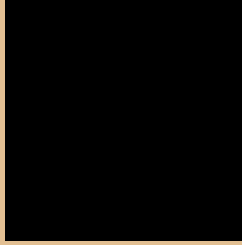
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex E2BF92 Background



This preview shows how black text looks on a background with the Hex color E2BF92.



This preview shows how white text looks on a background with the Hex color E2BF92.

# 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](#).

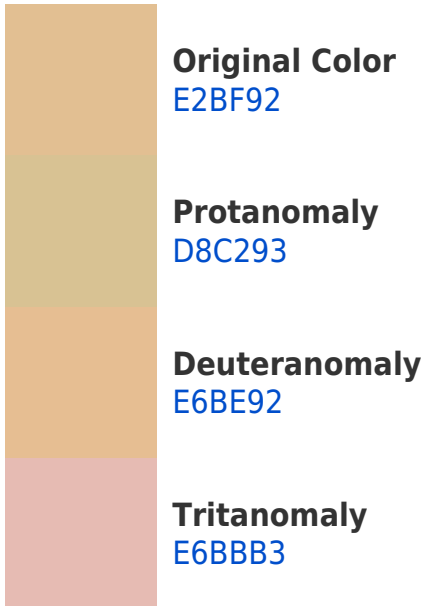
## Dichromacy





**Tritanopia**  
E8B8C6

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex E2BF92 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 #E2BF92 looks like.

```
.text, #text, p{  
    color:#E2BF92  
}
```

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 #E2BF92 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #E2BF92
}
```

## Border

The CSS property to change the border of an element to Hex E2BF92 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
#E2BF92 }
```

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

```
.border{ border-color:#E2BF92 }
```

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

Here you see how a box with a 4 pixel #E2BF92 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #E2BF92; -webkit-box-shadow:4px 4px  
4px 4px #E2BF92; box-shadow:4px 4px 4px  
4px #E2BF92 }
```

# Background

The CSS property to change the background color of an element to Hex E2BF92 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#E2BF92 }
```

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

```
.background{ background-color:#E2BF92 }
```

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](#).



Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

**[Learn more, Memberships starting at \\$2.50/m!](#)**

**Follow me  
on Twitter!**

@ConvertingColor