

# Converting Colors

Hex(E8BA21)

Have a look what the booklet for  
Hex(E8BA21) contains.

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**Color**

**Hex(E8BA21)**

# Conversions

## Conversions Part 1

Format	Color
Hex	E8BA21
RGB	232, 186, 33
RGB Percent	91%, 73%, 13%
CMY	0.0902, 0.2706, 0.8706
CMYK	0.00, 0.20, 0.86, 0.09
HSL	46°, 81%, 52%
HSV	46°, 86%, 91%
XYZ	51.1121, 52.3834, 8.8560
YIQ	182.3120, 76.5290, -37.8310

# Conversions

## Conversions Part 2

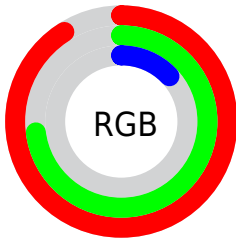
Format	Color
<b>RYB</b>	93, 232, 33
Decimal	15252001
CIELab	77.51, 3.54, 74.57
CIELCh	78, 74.653, 87.282
Yxy	52.3834, 0.4549, 0.4662
Android (android.graphics.Color)	4293442081 (0xFFE8BA21)
YUV	182.3120, -73.6108, 43.5764
Hunter-Lab	72.3764, -0.6022, 43.4088

# Details

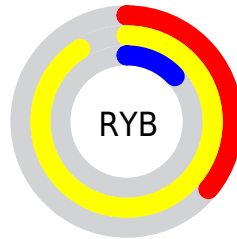
The Hex color **E8BA21** is a light color, and the websafe version is hex **FFCC33**. The color can be described as light washed orange. A complement of this color would be **214FE8**, and the grayscale version is **B7B7B7**.

A 20% lighter version of the original color is **FFF25F**, and **AB8500** is the 20% darker color. If you saturate the color by 10%, you get **E8B50A**, and if you desaturate by 10%, it is **E8BF38**.

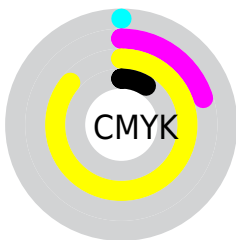
# Distribution



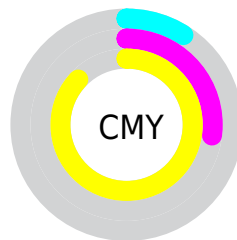
- Red (91%)
- Green (73%)
- Blue (13%)



- Red (36%)
- Yellow (91%)
- Blue (13%)



- Cyan (0%)
- Magenta (20%)
- Yellow (86%)
- Black (9%)



- Cyan (9%)
- Magenta (27%)
- Yellow (87%)

# Brightness & Saturation Gradients

These gradients show how the Hex color E8BA21 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 E8BA21 by changing the saturation by 10% instead.



 E8BA21

 E8BA21

FFFFFF

 C99F00


 FFF25F

 AB8500

 FFFF7C

 8E6C00

 FFFF98

 715400

 FFFFB4

 553E00

 FFFFDD

 3A2800

 FFFFEE

 221400

 000000

 E8BA21

 E8BA21

 E8B50A

 E8BF38

 E8B200

 E8C54F

 E8CA67

 E8CF7E

 E8D595

 E8DAAC

 E8E0C3

 E8E5DB

 E8EAF2

# Harmonies

## Analogous

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



FF9F49



E8BA21



A4CE36

# Triad

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



E8BA21



00E0FD



FF91FF

# Complementary

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



E8BA21



214FE8

# 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.



B4B0FF



E8BA21



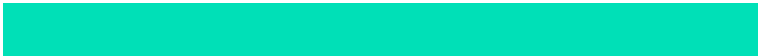
00D9FF

# Square

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



E8BA21



00E0B7



00C9FF



FF7DC9

# Rectangle

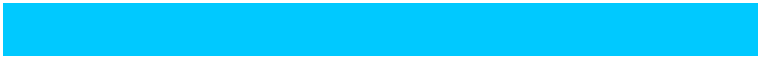
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



E8BA21



6AD75B



00C9FF



F59BFF



# Sweetspot

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



E8BA21



FFF0BD



E8214F



807658



000000



808080



# Same Dimension

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



E8BA21



FFC400



B3E821



737067



B38900



332700



# Inverse Universe

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



214FE8



003BFF



5621E8



676A73



0029B3



000C33



# Previews

## White Background



This preview shows how the Hex color E8BA21 looks on a white background.

## Color Contrast Check

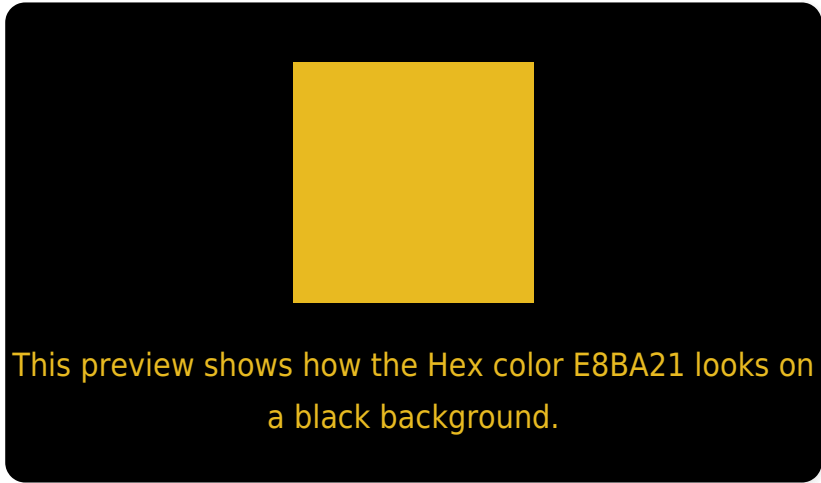
Large Text (above 18pt) WCAG AA × Fail

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 E8BA21 Background



This preview shows how black text looks on a background with the Hex color E8BA21.



This preview shows how white text looks on a background with the Hex color E8BA21.

# 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



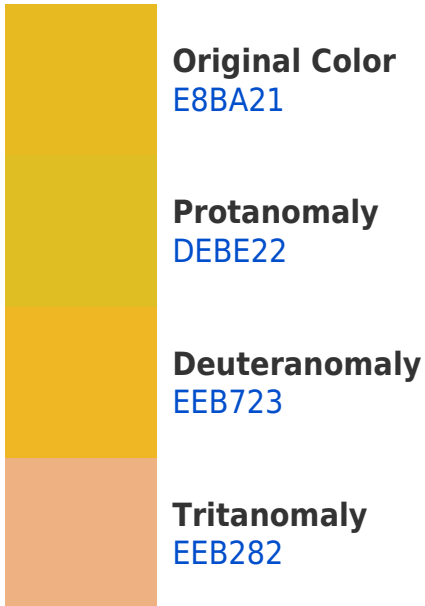
**Original Color**  
E8BA21

**Protanopia**  
D8C023

**Deuteranopia**  
F2B624



# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex E8BA21 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 #E8BA21 looks like.

```
.text, #text, p{  
    color:#E8BA21  
}
```

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 #E8BA21 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #E8BA21
}
```

## Border

The CSS property to change the border of an element to Hex E8BA21 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
#E8BA21 }
```

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

```
.border{ border-color:#E8BA21 }
```

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

Here you see how a box with a 4 pixel #E8BA21 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #E8BA21; -webkit-box-shadow:4px 4px  
4px 4px #E8BA21; box-shadow:4px 4px 4px  
4px #E8BA21 }
```

# Background

The CSS property to change the background color of an element to Hex E8BA21 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#E8BA21 }
```

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

```
.background{ background-color:#E8BA21 }
```

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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