

# Converting Colors

Hex(E5B325)

Have a look what the booklet for  
Hex(E5B325) contains.

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# **Color**

**Hex(E5B325)**

# Conversions

## Conversions Part 1

Format	Color
Hex	E5B325
RGB	229, 179, 37
RGB Percent	90%, 70%, 15%
CMY	0.1020, 0.2980, 0.8549
CMYK	0.00, 0.22, 0.84, 0.10
HSL	44°, 79%, 52%
HSV	44°, 84%, 90%
XYZ	48.7671, 49.0318, 8.6440
YIQ	177.7620, 75.3820, -33.5620

# Conversions

## Conversions Part 2

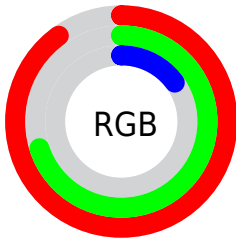
Format	Color
<a href="#">RYB</a>	<a href="#">105, 229, 37</a>
Decimal	<a href="#">15053605</a>
CIELab	<a href="#">75.47, 6.01, 71.75</a>
CIELCh	<a href="#">75, 72.003, 85.212</a>
Yxy	<a href="#">49.0318, 0.4582, 0.4606</a>
Android (android.graphics.Color)	<a href="#">4293243685</a> ( <a href="#">0xFFE5B325</a> )
YUV	<a href="#">177.7620, -69.3957, 44.9357</a>
Hunter-Lab	<a href="#">70.0227, 1.7761, 41.6968</a>

# Details

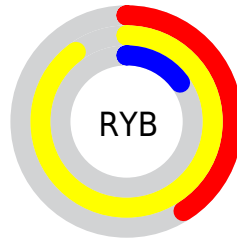
The Hex color **E5B325** is a light color, and the websafe version is hex **CC9900**. The color can be described as light washed orange. A complement of this color would be **2557E5**, and the grayscale version is **B2B2B2**.

A 20% lighter version of the original color is **FFEA61**, and **A97F00** is the 20% darker color. If you saturate the color by 10%, you get **E5AD0E**, and if you desaturate by 10%, it is **E5B93C**.

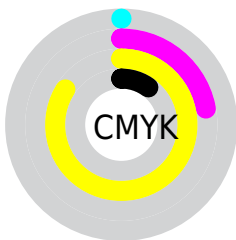
# Distribution



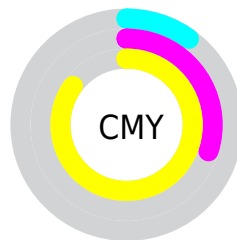
- Red (90%)
- Green (70%)
- Blue (15%)



- Red (41%)
- Yellow (90%)
- Blue (15%)



- Cyan (0%)
- Magenta (22%)
- Yellow (84%)
- Black (10%)



- Cyan (10%)
- Magenta (30%)
- Yellow (85%)

# Brightness & Saturation Gradients

These gradients show how the Hex color E5B325 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 E5B325 by changing the saturation by 10% instead.



 E5B325

 E5B325

FFFFFF

 C79800

 FFEA61

 A97F00

 FFFF7D

 8B6600

 FFFF99

 6E4E00

 FFFFB5

 523800

 FFFFD2

 382300

 FFFFEE

 200E00

 000000

 E5B325

 E5B325

 E5AD0E

 E5B93C

 E5A900

 E5BF53

 E5C56A

 E5CB81

 E5D198

 E5D7AE

 E5DDC5

 E5E3DC

 E5E9F3

# Harmonies

## Analogous

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



FF994C



E5B325



A5C734

# Triad

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



E5B325



00D9F1



FF90FF

# Complementary

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



E5B325



2557E5

# 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.



A7ADFF



E5B325



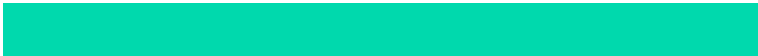
00D3FF

# Square

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



E5B325



00D9AD



00C5FF



FF7BC7

# Rectangle

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



E5B325



6FD056



00C5FF



E899FF



# Sweetspot

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



E5B325



FFEEBF



E52558



807659



000000



808080



# Same Dimension

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



E5B325



FFBD00



B8E525



737067



B38400



332600



# Inverse Universe

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



2557E5



0042FF



5225E5



676A73



002EB3



000D33



# Previews

## White Background



This preview shows how the Hex color E5B325 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



This preview shows how the Hex color E5B325 looks on a 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 E5B325 Background



This preview shows how black text looks on a background with the Hex color E5B325.



This preview shows how white text looks on a background with the Hex color E5B325.

# 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](#).

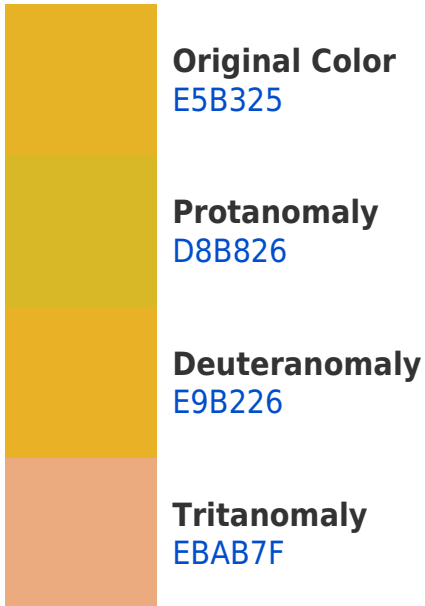
## Dichromacy





**Tritanopia**  
EEA7B3

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex E5B325 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 #E5B325 looks like.

```
.text, #text, p{  
    color:#E5B325  
}
```

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 #E5B325 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #E5B325
}
```

## Border

The CSS property to change the border of an element to Hex E5B325 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
#E5B325 }
```

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

```
.border{ border-color:#E5B325 }
```

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

Here you see how a box with a 4 pixel #E5B325 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #E5B325; -webkit-box-shadow:4px 4px  
4px 4px #E5B325; box-shadow:4px 4px 4px  
4px #E5B325 }
```

# Background

The CSS property to change the background color of an element to Hex E5B325 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#E5B325 }
```

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

```
.background{ background-color:#E5B325 }
```

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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