

Converting Colors

Hex(E5B726)

Have a look what the booklet for
Hex(E5B726) contains.

Hex(E5B726)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(E5B726)

Conversions

Conversions Part 1

Format	Color
Hex	E5B726
RGB	229, 183, 38
RGB Percent	90%, 72%, 15%
CMY	0.1020, 0.2824, 0.8510
CMYK	0.00, 0.20, 0.83, 0.10
HSL	46°, 79%, 52%
HSV	46°, 83%, 90%
XYZ	49.5964, 50.6649, 8.9990
YIQ	180.2240, 73.9610, -35.3430

Conversions

Conversions Part 2

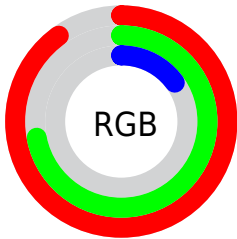
Format	Color
R _Y B	99, 229, 38
Decimal	15054630
CIE Lab	76.48, 3.94, 72.32
CIE LCh	76, 72.430, 86.884
Yxy	50.6649, 0.4539, 0.4637
Android (android.graphics.Color)	4293244710 (0xFFE5B726)
YUV	180.2240, -70.1164, 42.7766
Hunter-Lab	71.1793, -0.1882, 42.3296

Details

The Hex color **E5B726** 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 **2654E5**, and the grayscale version is **B5B5B5**.

A 20% lighter version of the original color is **FFEF62**, and **A98300** is the 20% darker color. If you saturate the color by 10%, you get **E5B10F**, and if you desaturate by 10%, it is **E5BD3D**.

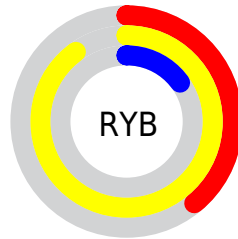
Distribution



Red (90%)

Green (72%)

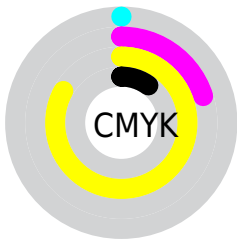
Blue (15%)



Red (39%)

Yellow (90%)

Blue (15%)

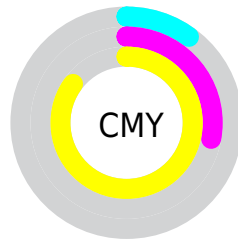


Cyan (0%)

Magenta (20%)

Yellow (83%)

Black (10%)



Cyan (10%)

Magenta (28%)

Yellow (85%)

Brightness & Saturation Gradients

These gradients show how the Hex color E5B726 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 E5B726 by changing the saturation by 10% instead.

 E5B726

 E5B726

FFFFFF

 C79C00

 FFEF62

 A98300

 FFFF7E

 8B6A00

 FFFF9A

 6F5200

 FFFFB7

 533B00

 FFFFD3

 382600

 FFFFF1

 201200

 000000

 E5B726

 E5B726

 E5B10F

 E5BD3D

 E5AE00

 E5C254

 E5C86B

 E5CD82

 E5D399

 E5D8AF

 E5DEC6

 E5E3DD

 E5E9F4

Harmonies

Analogous

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



FF9D4B



E5B726



A4CB38

Triad

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



E5B726



00DCF7



FF91FF

Complementary

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



E5B726



2654E5

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.



B0AEFF



E5B726



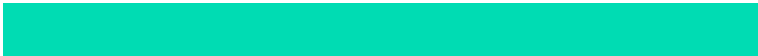
00D6FF

Square

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



E5B726



00DCB3



00C6FF



FF7DC7

Rectangle

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



E5B726



6CD35B



00C6FF



F09AFF

Sweetspot

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



E5B726



FFF0BF



E52656



807659



000000



808080

Same Dimension

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



E5B726



FFC200



B5E526



737067



B38800



332700

Inverse Universe

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



2654E5



003DFF



5626E5



676A73



002BB3



000C33

Previews

White Background



This preview shows how the Hex color E5B726 looks on a white background.

Color Contrast Check

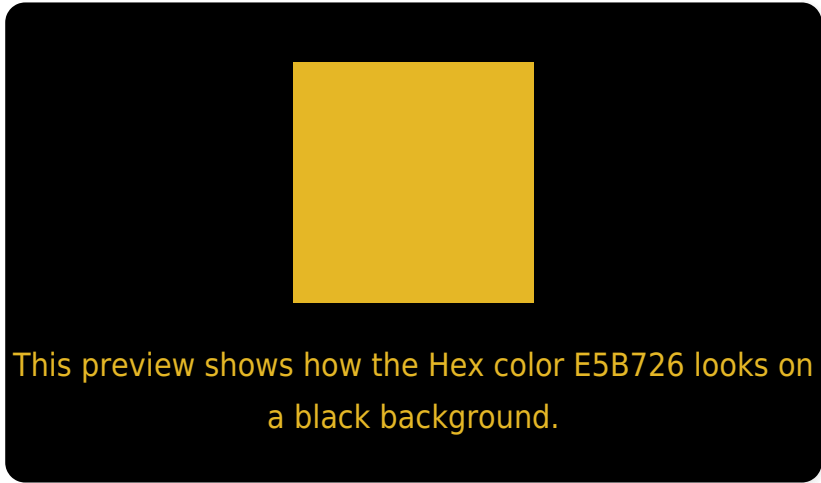
Large Text (above 18pt) WCAG AA × Fail

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 E5B726 Background



This preview shows how black text looks on a background with the Hex color E5B726.



This preview shows how white text looks on a background with the Hex color E5B726.

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

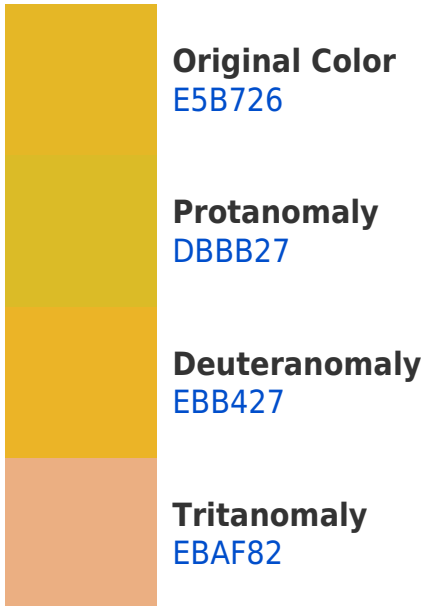


Original Color
E5B726

Protanopia
D5BD28

Deuteranopia
EEB328

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex E5B726 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 #E5B726 looks like.

```
.text, #text, p{  
    color:#E5B726  
}
```

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 #E5B726 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #E5B726
}
```

Border

The CSS property to change the border of an element to Hex E5B726 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
#E5B726 }
```

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

```
.border{ border-color:#E5B726 }
```

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

Here you see how a box with a 4 pixel #E5B726 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #E5B726; -webkit-box-shadow:4px 4px  
4px 4px #E5B726; box-shadow:4px 4px 4px  
4px #E5B726 }
```

Background

The CSS property to change the background color of an element to Hex E5B726 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#E5B726 }
```

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

```
.background{ background-color:#E5B726 }
```

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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