

Converting Colors

Hex(ECCB50)

Have a look what the booklet for
Hex(ECCB50) contains.

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Color

Hex(ECCB50)

Conversions

Conversions Part 1

Format	Color
Hex	ECCB50
RGB	236, 203, 80
RGB Percent	93%, 80%, 31%
CMY	0.0745, 0.2039, 0.6863
CMYK	0.00, 0.14, 0.66, 0.07
HSL	47°, 80%, 62%
HSV	47°, 66%, 93%
XYZ	57.3960, 61.1239, 16.3624
YIQ	198.8450, 59.1510, -31.2570

Conversions

Conversions Part 2

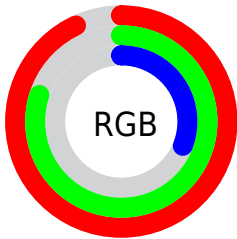
Format	Color
RYB	122, 236, 80
Decimal	15518544
CIELab	82.45, -1.71, 63.40
CIELCh	82, 63.426, 91.547
Yxy	61.1239, 0.4255, 0.4532
Android (android.graphics.Color)	4293708624 (0xFFECCB50)
YUV	198.8450, -58.5906, 32.5849
Hunter-Lab	78.1818, -5.7751, 42.3186

Details

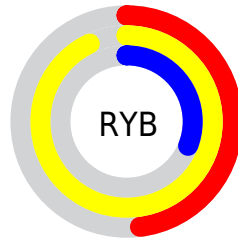
The Hex color **ECCB50** is a light color, and the websafe version is hex **FFCC66**. The color can be described as light muted yellow. A complement of this color would be **5071EC**, and the grayscale version is **C7C7C7**.

A 20% lighter version of the original color is **FFFF86**, and **B19513** is the 20% darker color. If you saturate the color by 10%, you get **ECC638**, and if you desaturate by 10%, it is **ECD068**.

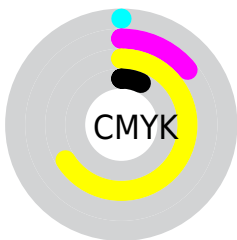
Distribution



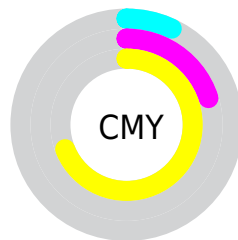
- Red (93%)
- Green (80%)
- Blue (31%)



- Red (48%)
- Yellow (93%)
- Blue (31%)



- Cyan (0%)
- Magenta (14%)
- Yellow (66%)
- Black (7%)



- Cyan (7%)
- Magenta (20%)
- Yellow (69%)

Brightness & Saturation Gradients

These gradients show how the Hex color ECCB50 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 ECCB50 by changing the saturation by 10% instead.

 ECCB50

 ECCB50

FFFFFF

 CEB034

 FFFF86

 B19513

 FFFFA2

 947C00

 FFFFBE

 776300

 FFFFDB

 5C4B00

 FFFFF8

 413500

 282000

 090A00

 000000

 ECCB50

 ECCB50

 ECC638

 ECD068

 ECC121

 ECD57F

 ECBC09

 ECDA97

 ECBA00

 ECDFAE

 ECE4C6

 ECE9DE

 ECCEF5

 ECF3FF

 ECF8FF

Harmonies

Analogous

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



FFB564



ECCB50



AFDC62

Triad

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



ECCB50



00EAFB



FFA5FF

Complementary

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



ECCB50



5071EC

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.



D4BCFF



ECCB50



00E2FF

Square

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



ECCB50



00EBCE



5CD3FF



FF99CC

Rectangle

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



ECCB50



7DE380



5CD3FF



FFACFF

Sweetspot

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



ECCB50



FFF4CC



EC5072



807961



000000



808080

Same Dimension

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



ECCB50



FFD436



C0EC50



75736A



B58F00



362A00

Inverse Universe

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



5071EC



3660FF



7C50EC



6A6C75



0026B5



000B36

Previews

White Background



This preview shows how the Hex color ECCB50 looks on a white background.

Color Contrast Check

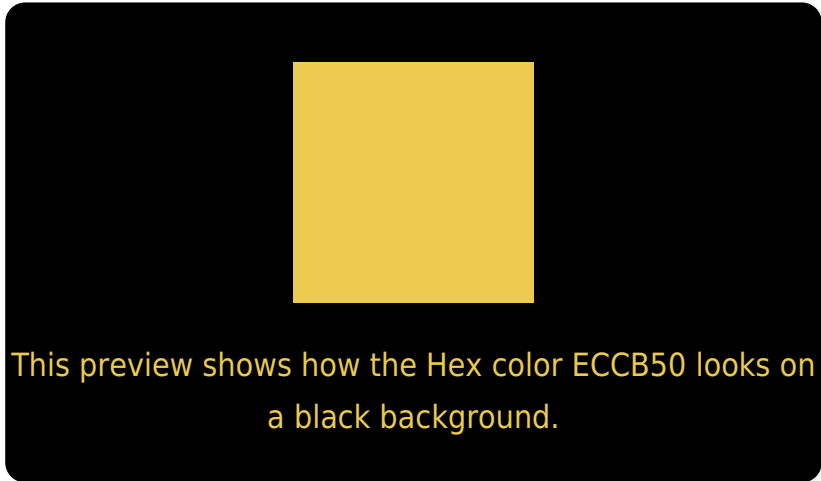
Large Text (above 18pt) WCAG AA × Fail

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 ECCB50 Background



This preview shows how black text looks on a background with the Hex color ECCB50.

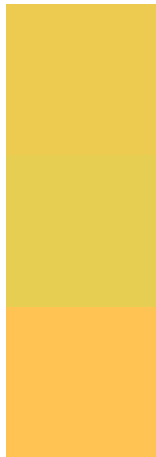


This preview shows how white text looks on a background with the Hex color ECCB50.

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
ECCB50

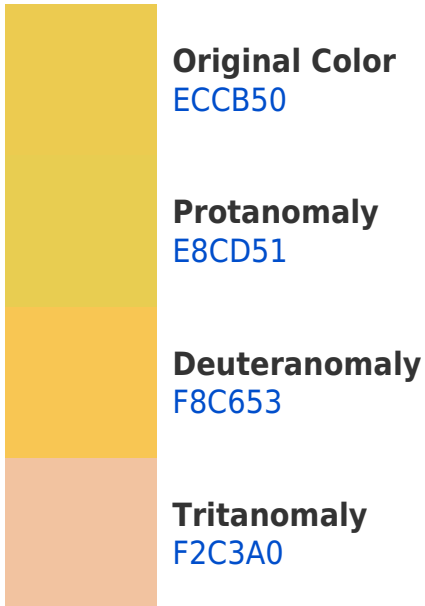
Protanopia
E5CE51

Deuteranopia
FFC354

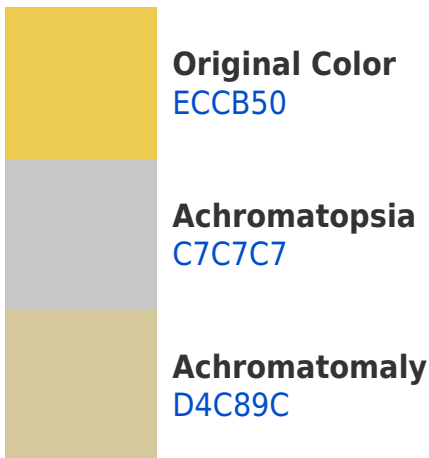


Tritanopia
F6BECD

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex ECCB50 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 #ECCB50 looks like.

```
.text, #text, p{  
    color:#ECCB50  
}
```

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 #ECCB50 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #ECCB50
}
```

Border

The CSS property to change the border of an element to Hex ECCB50 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
#ECCB50 }
```

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

```
.border{ border-color:#ECCB50 }
```

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

Here you see how a box with a 4 pixel #ECCB50 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #ECCB50; -webkit-box-shadow:4px 4px  
4px 4px #ECCB50; box-shadow:4px 4px 4px  
4px #ECCB50 }
```

Background

The CSS property to change the background color of an element to Hex ECCB50 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#ECCB50 }
```

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

```
.background{ background-color:#ECCB50 }
```

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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