

Converting Colors

Hex(ECB62F)

Have a look what the booklet for
Hex(ECB62F) contains.

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Color

Hex(ECB62F)

Conversions

Conversions Part 1

Format	Color
Hex	ECB62F
RGB	236, 182, 47
RGB Percent	93%, 71%, 18%
CMY	0.0745, 0.2863, 0.8157
CMYK	0.00, 0.23, 0.80, 0.07
HSL	43°, 83%, 55%
HSV	43°, 80%, 93%
XYZ	51.8331, 51.4940, 9.8968
YIQ	182.7560, 75.5190, -30.5370

Conversions

Conversions Part 2

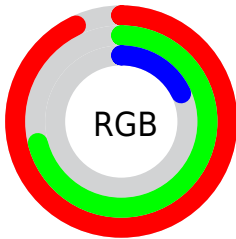
Format	Color
R _Y B	123, 236, 47
Decimal	15513135
CIE Lab	76.98, 7.74, 70.38
CIE LCh	77, 70.806, 83.727
Yxy	51.4940, 0.4578, 0.4548
Android (android.graphics.Color)	4293703215 (0xFFECB62F)
YUV	182.7560, -66.9277, 46.6950
Hunter-Lab	71.7593, 3.3551, 42.0545

Details

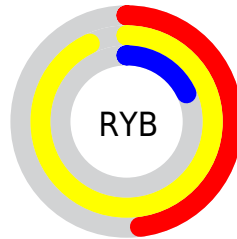
The Hex color **ECB62F** is a light color, and the websafe version is hex **FFCC33**. The color can be described as light washed orange. A complement of this color would be **2F65EC**, and the grayscale version is **B7B7B7**.

A 20% lighter version of the original color is **FFEE68**, and **AF8200** is the 20% darker color. If you saturate the color by 10%, you get **ECAF17**, and if you desaturate by 10%, it is **ECBD47**.

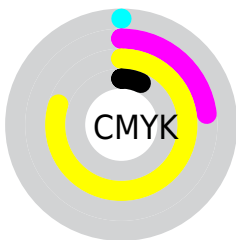
Distribution



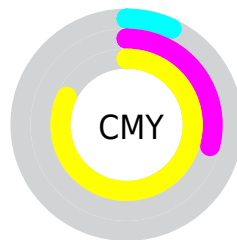
- Red (93%)
- Green (71%)
- Blue (18%)



- Red (48%)
- Yellow (93%)
- Blue (18%)



- Cyan (0%)
- Magenta (23%)
- Yellow (80%)
- Black (7%)



- Cyan (7%)
- Magenta (29%)
- Yellow (82%)

Brightness & Saturation Gradients

These gradients show how the Hex color ECB62F 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 ECB62F by changing the saturation by 10% instead.

 ECB62F

 ECB62F

FFFFFF

 CD9B04

 FFEE68

 AF8200

 FFFF84

 926900

 FFFFA0

 755100

 FFFFBD

 593A00

 FFFFDA

 3E2500

 FFFFF7

 251100

 000000

 ECB62F

 ECB62F

 ECAF17

 ECBD47

 ECA900

 ECC35E

 ECCA76

 ECD18D

 ECD8A5

 ECDEBD

 ECE5D4

 ECECEC

 ECF3FF

Harmonies

Analogous

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



FF9C55



ECB62F



AECA3A

Triad

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



ECB62F



00DDF1



FF96FF

Complementary

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



ECB62F



2F65EC

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.



A6B2FF



ECB62F



00D8FF

Square

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



ECB62F



00DDAE



00CAFF



FF82CF

Rectangle

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



ECB62F



7AD359



00CAFF



E8A0FF

Sweetspot

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



ECB62F



FFEEC2



EC2F68



80755B



000000



808080

Same Dimension

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



ECB62F



FFB90A



C6EC2F



75726A



B58100



362600

Inverse Universe

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



2F65EC



0A50FF



552FEC



6A6D75



0034B5



000F36

Previews

White Background



This preview shows how the Hex color ECB62F looks on a white background.

Color Contrast Check

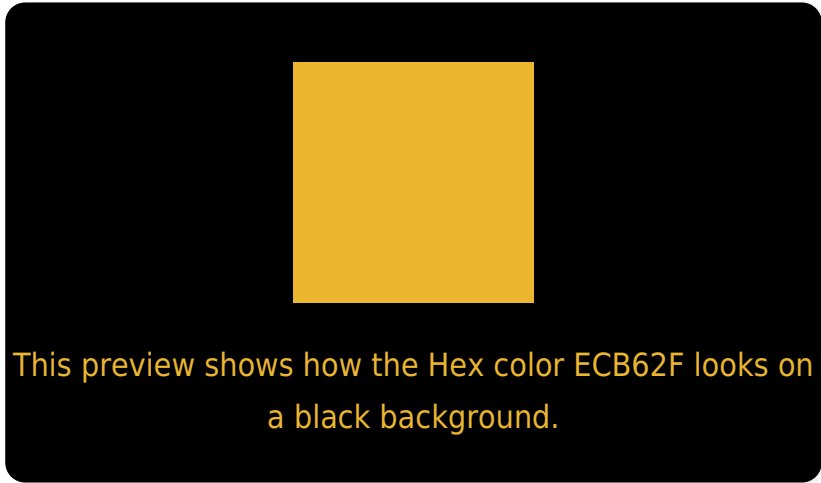
Large Text (above 18pt) WCAG AA × Fail

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 ECB62F Background



This preview shows how black text looks on a background with the Hex color ECB62F.

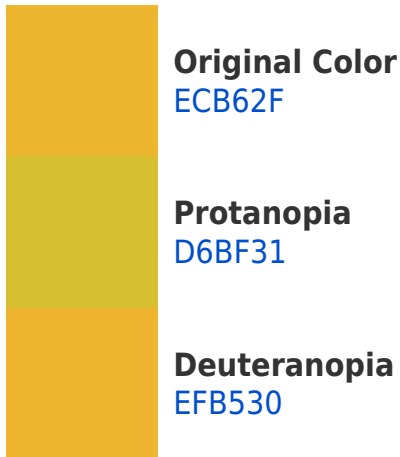


This preview shows how white text looks on a background with the Hex color ECB62F.

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](#).

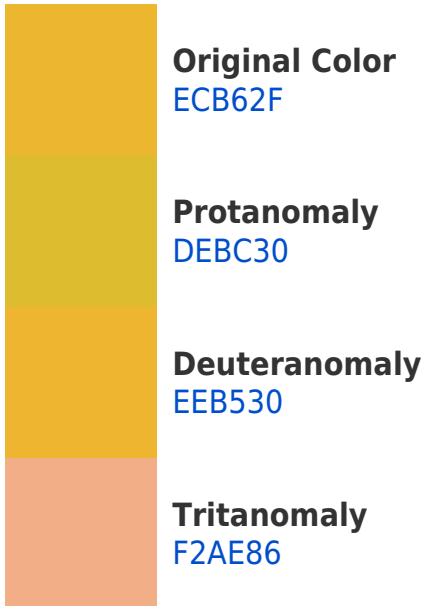
Dichromacy



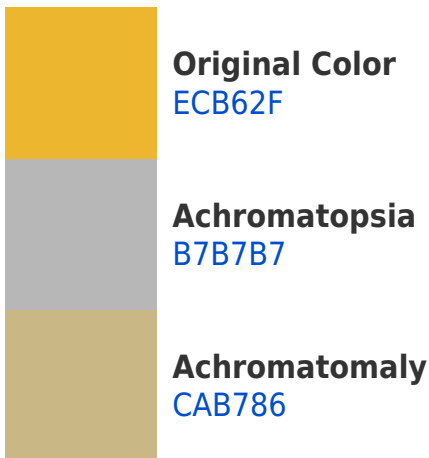


Tritanopia
F5AAB7

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex ECB62F 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 #ECB62F looks like.

```
.text, #text, p{  
    color:#ECB62F  
}
```

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 #ECB62F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #ECB62F
}
```

Border

The CSS property to change the border of an element to Hex ECB62F 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
#ECB62F }
```

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

```
.border{ border-color:#ECB62F }
```

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

Here you see how a box with a 4 pixel #ECB62F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #ECB62F; -webkit-box-shadow:4px 4px  
4px 4px #ECB62F; box-shadow:4px 4px 4px  
4px #ECB62F }
```

Background

The CSS property to change the background color of an element to Hex ECB62F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#ECB62F }
```

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

```
.background{ background-color:#ECB62F }
```

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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