

Converting Colors

Hex(F0E031)

Have a look what the booklet for
Hex(F0E031) contains.

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Color

Hex(F0E031)

Conversions

Conversions Part 1

Format	Color
Hex	F0E031
RGB	240, 224, 49
RGB Percent	94%, 88%, 19%
CMY	0.0588, 0.1216, 0.8078
CMYK	0.00, 0.07, 0.80, 0.06
HSL	55°, 86%, 57%
HSV	55°, 80%, 94%
XYZ	63.1452, 72.0583, 13.4863
YIQ	208.8340, 65.7110, -51.0330

Conversions

Conversions Part 2

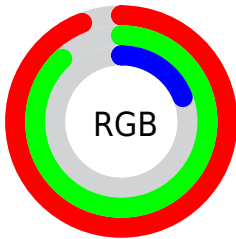
Format	Color
RYB	66, 240, 49
Decimal	15786033
CIELab	88.00, -11.98, 79.61
CIELCh	88, 80.505, 98.555
Yxy	72.0583, 0.4247, 0.4846
Android (android.graphics.Color)	4293976113 (0xFFFF0E031)
YUV	208.8340, -78.7982, 27.3326
Hunter-Lab	84.8872, -15.7714, 50.0014

Details

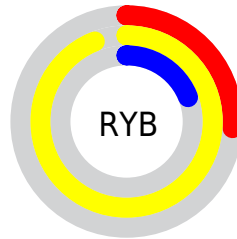
The Hex color **F0E031** is a light color, and the websafe version is hex **CCCC00**. The color can be described as light washed yellow. A complement of this color would be **3141F0**, and the grayscale version is **D2D2D2**.

A 20% lighter version of the original color is **FFFF6F**, and **B4A900** is the 20% darker color. If you saturate the color by 10%, you get **F0DE19**, and if you desaturate by 10%, it is **F0E249**.

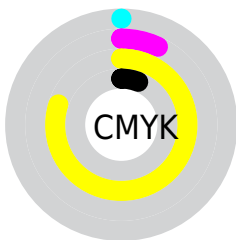
Distribution



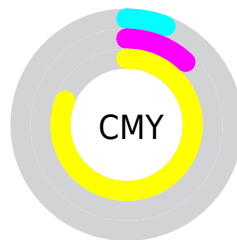
- Red (94%)
- Green (88%)
- Blue (19%)



- Red (26%)
- Yellow (94%)
- Blue (19%)



- Cyan (0%)
- Magenta (7%)
- Yellow (80%)
- Black (6%)



- Cyan (6%)
- Magenta (12%)
- Yellow (81%)

Brightness & Saturation Gradients

These gradients show how the Hex color F0E031 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 F0E031 by changing the saturation by 10% instead.

 F0E031

 F0E031

FFFFFF

 D2C400

 FFFF6F

 B4A900

 FFFF8C

 968F00

 FFFFA9

 7A7600

 FFFFC6

 5D5D00

 FFFF E3

 424600

 283000

 0D1C00

 000000

 F0E031

 F0E031

 F0DE19

 F0E249

 F0DC01

 F0E461

 F0DC00

 F0E679

 F0E891

 F0EAA9

 F0ECC1

 F0EED9

 F0F0F1

 F0F2FF

Harmonies

Analogous

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



FFC447



F0E031



9EF35C

Triad

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



F0E031



00FFFF



FF9FFF

Complementary

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



F0E031



3141F0

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.



FDBFFF



F0E031



00F4FF

Square

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



F0E031



00FFF1



60DEFF



FF94CA

Rectangle

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



F0E031



48FB89



60DEFF



FFA9FF

Sweetspot

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



F0E031



FFFACD



F03144



807C5B



000000



808080

Same Dimension

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



F0E031



FFE00A



A4F031



78776C



B8A800



383300

Inverse Universe

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



3141F0



0A1FFF



7D31F0



6C6D78



000FB8



000538

Previews

White Background



This preview shows how the Hex color F0E031 looks on a white background.

Color Contrast Check

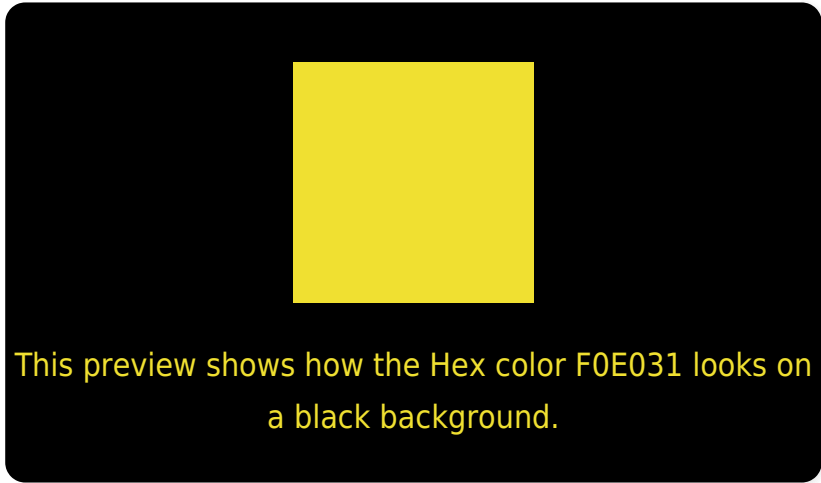
Large Text (above 18pt) WCAG AA × Fail

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 F0E031 Background



This preview shows how black text looks on a background with the Hex color F0E031.



This preview shows how white text looks on a background with the Hex color F0E031.

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
F0E031

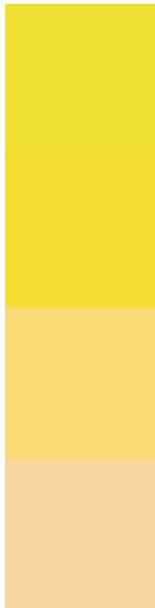
Protanopia
F8DD30

Deuteranopia
FFD69A



Tritanopia
FDD1E1

Trichromacy



Original Color
F0E031

Protanomaly
F5DE30

Deuteranomaly
FADA74

Tritanomaly
F8D6A1

Monochromacy



Original Color
F0E031

Achromatopsia
D1D1D1

Achromatomaly
DCD697

CSS Examples

Text

The CSS property to change the color of the text to Hex F0E031 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 #F0E031 looks like.

```
.text, #text, p{  
    color:#F0E031  
}
```

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 #F0E031 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #F0E031
}
```

Border

The CSS property to change the border of an element to Hex F0E031 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
#F0E031 }
```

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

```
.border{ border-color:#F0E031 }
```

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

Here you see how a box with a 4 pixel #F0E031 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #F0E031; -webkit-box-shadow:4px 4px  
4px 4px #F0E031; box-shadow:4px 4px 4px  
4px #F0E031 }
```

Background

The CSS property to change the background color of an element to Hex F0E031 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#F0E031 }
```

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

```
.background{ background-color:#F0E031 }
```

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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