

Converting Colors

Hex(FEB636)

Have a look what the booklet for
Hex(FEB636) contains.

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Color

Hex(FEB636)

Conversions

Conversions Part 1

Format	Color
Hex	FEB636
RGB	254, 182, 54
RGB Percent	100%, 71%, 21%
CMY	0.0039, 0.2863, 0.7882
CMYK	0.00, 0.28, 0.79, 0.00
HSL	38°, 99%, 60%
HSV	38°, 79%, 100%
XYZ	58.2669, 54.7931, 10.9952
YIQ	188.9360, 84.0000, -24.5440

Conversions

Conversions Part 2

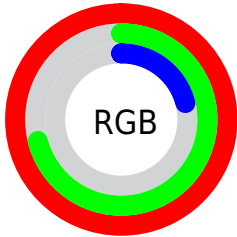
Format	Color
RYB	167, 254, 54
Decimal	16692790
CIELab	78.92, 15.60, 70.52
CIELCh	79, 72.229, 77.526
Yxy	54.7931, 0.4697, 0.4417
Android (android.graphics.Color)	4294882870 (0xFFFE636)
YUV	188.9360, -66.5234, 57.0611
Hunter-Lab	74.0223, 10.9676, 43.0088

Details

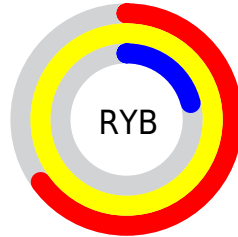
The Hex color **FEB636** is a light color, and the websafe version is hex **FFCC33**. The color can be described as light washed orange. A complement of this color would be **367EFE**, and the grayscale version is **BEBEBE**.

A 20% lighter version of the original color is **FFEE6E**, and **C08100** is the 20% darker color. If you saturate the color by 10%, you get **FEAD1D**, and if you desaturate by 10%, it is **FEBF4F**.

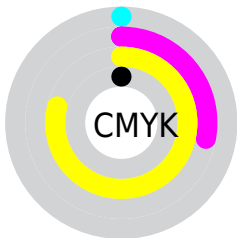
Distribution



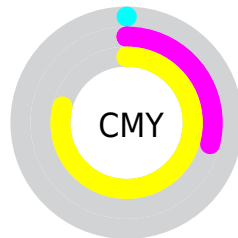
- Red (100%)
- Green (71%)
- Blue (21%)



- Red (65%)
- Yellow (100%)
- Blue (21%)



- Cyan (0%)
- Magenta (28%)
- Yellow (79%)
- Black (0%)



- Cyan (0%)
- Magenta (29%)
- Yellow (79%)

Brightness & Saturation Gradients

These gradients show how the Hex color FEB636 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 FEB636 by changing the saturation by 10% instead.

 FEB636

 FEB636

FFFFFF

 DF9B13

 FFEE6E

 C08100

 FFFF8A

 A26800

 FFFFA6

 855000

 FFFFC3

 673900

 FFFFEO

 4B2400

FFFFFFD

 310F00

 170000

 000000

 FEB636

 FEB636

 FEAD1D

 FEBF4F

 FEA403

 FEC869

 FEA300

 FED182

 FEDB9C

 FEE4B5

 FEEDCE

 FEF6E8

FEFFFF

Harmonies

Analogous

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



FF9B62



FEB636



C1CC35

Triad

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



FEB636



00E4EA



F9A0FF

Complementary

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



FEB636



367EFE

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.



8FBDFE



FEB636



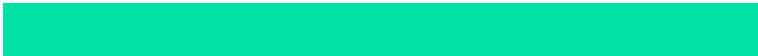
00DFFF

Square

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



FEB636



00E2A4



00D3FF



FF88E2

Rectangle

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



FEB636



8FD651



00D3FF



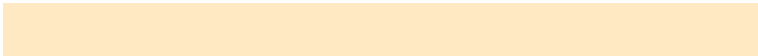
DCAAFF

Sweetspot

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



FEB636



FFE9C2



FE367F



80725B



000000



808080

Same Dimension

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



FEB636



FFA90F



E3FE36



807B73



BF7A00



402900

Inverse Universe

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



367EFE



0F66FF



5136FE



737780



0045BF



001740

Previews

White Background



This preview shows how the Hex color FEB636 looks on a white background.

Color Contrast Check

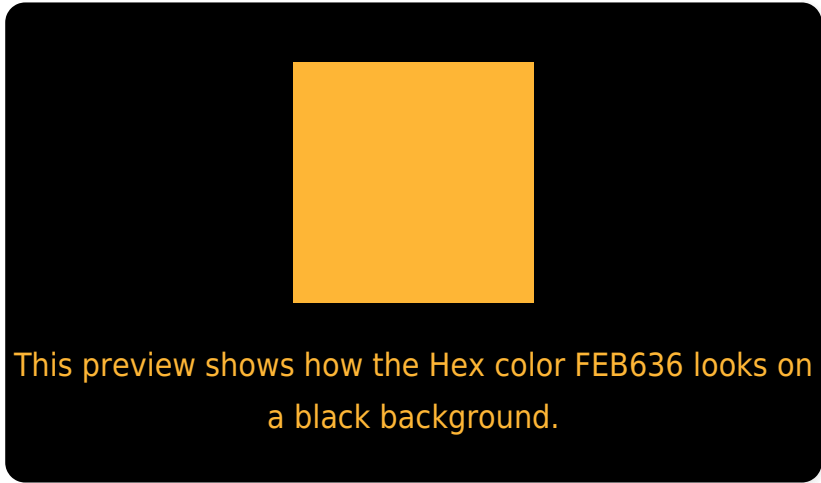
Large Text (above 18pt) WCAG AA × Fail

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 FEB636 Background



This preview shows how black text looks on a background with the Hex color FEB636.



This preview shows how white text looks on a background with the Hex color FEB636.

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
FEB636

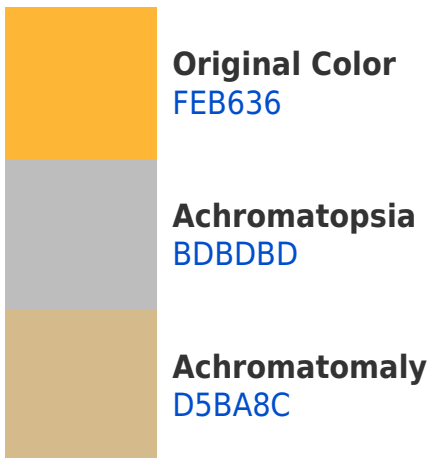
Protanopia
DBC43A

Deuteranopia
F6BA34

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex FEB636 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 #FEB636 looks like.

```
.text, #text, p{  
    color:#FEB636  
}
```

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 #FEB636 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #FEB636
}
```

Border

The CSS property to change the border of an element to Hex FEB636 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
#FEB636 }
```

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

```
.border{ border-color:#FEB636 }
```

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

Here you see how a box with a 4 pixel #FEB636 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #FEB636; -webkit-box-shadow:4px 4px  
4px 4px #FEB636; box-shadow:4px 4px 4px  
4px #FEB636 }
```

Background

The CSS property to change the background color of an element to Hex FEB636 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#FEB636 }
```

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

```
.background{ background-color:#FEB636 }
```

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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