

Converting Colors

Hex(FEB621)

Have a look what the booklet for
Hex(FEB621) contains.

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Color

Hex(FEB621)

Conversions

Conversions Part 1

Format	Color
Hex	FEB621
RGB	254, 182, 33
RGB Percent	100%, 71%, 13%
CMY	0.0039, 0.2863, 0.8706
CMYK	0.00, 0.28, 0.87, 0.00
HSL	40°, 99%, 56%
HSV	40°, 87%, 100%
XYZ	57.8755, 54.6365, 8.9344
YIQ	186.5420, 90.7410, -31.0750

Conversions

Conversions Part 2

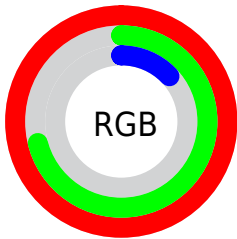
Format	Color
RYB	140, 254, 33
Decimal	16692769
CIELab	78.83, 15.04, 76.59
CIELCh	79, 78.056, 78.892
Yxy	54.6365, 0.4766, 0.4499
Android (android.graphics.Color)	4294882849 (0xFFFE621)
YUV	186.5420, -75.6962, 59.1607
Hunter-Lab	73.9165, 10.4088, 44.5751

Details

The Hex color **FEB621** 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 **2169FE**, and the grayscale version is **BBBBBB**.

A 20% lighter version of the original color is **FFEE5F**, and **C08100** is the 20% darker color. If you saturate the color by 10%, you get **FEAE08**, and if you desaturate by 10%, it is **FEBE3A**.

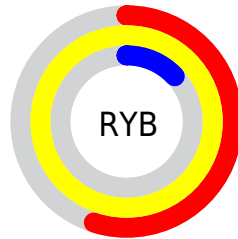
Distribution



Red (100%)

Green (71%)

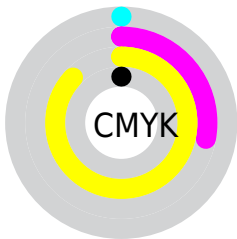
Blue (13%)



Red (55%)

Yellow (100%)

Blue (13%)

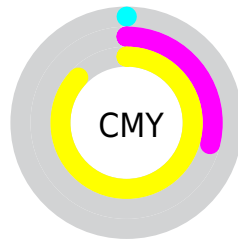


Cyan (0%)

Magenta (28%)

Yellow (87%)

Black (0%)



Cyan (0%)

Magenta (29%)

Yellow (87%)

Brightness & Saturation Gradients

These gradients show how the Hex color FEB621 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 FEB621 by changing the saturation by 10% instead.

 FEB621

 FEB621

FFFFFF

 DF9B00

 FFEE5F

 C08100

 FFFF7C

 A16800

 FFFF98

 845000

 FFFFB5

 663A00

 FFFFD2

 4B2400

 FFFFEF

 301000

 160000

 000000

 FEB621

 FEB621

 FEAE08

 FEBE3A

 FEAB00

 FEC754

 FECF6D

 FED787

 FEDFA0

 FEE8B9

 FEF0D3

 FEF8EC

FEFFFF

Harmonies

Analogous

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



FF9857



FEB621



BCCD22

Triad

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



FEB621



00E5F0



FF9BFF

Complementary

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



FEB621



2169FE

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.



8DBBFF



FEB621



00E1FF

Square

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



FEB621



00E4A5



00D3FF



FF80E1

Rectangle

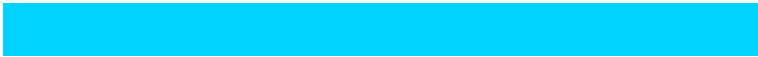
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



FEB621



85D848



00D3FF



E2A6FF

Sweetspot

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



FEB621



FFE9BD



FE216B



807358



000000



808080

Same Dimension

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



FEB621



FFAC00



D9FE21



807B73



BF8100



402B00

Inverse Universe

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



2169FE



0053FF



4621FE



737780



003EBF



001540

Previews

White Background



This preview shows how the Hex color FEB621 looks on a white background.

Color Contrast Check

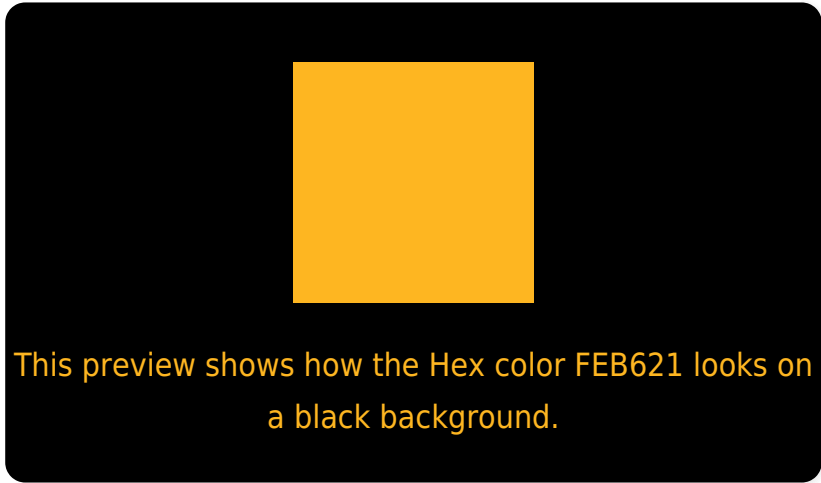
Large Text (above 18pt) WCAG AA × Fail

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 FEB621 Background



This preview shows how black text looks on a background with the Hex color FEB621.



This preview shows how white text looks on a background with the Hex color FEB621.

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

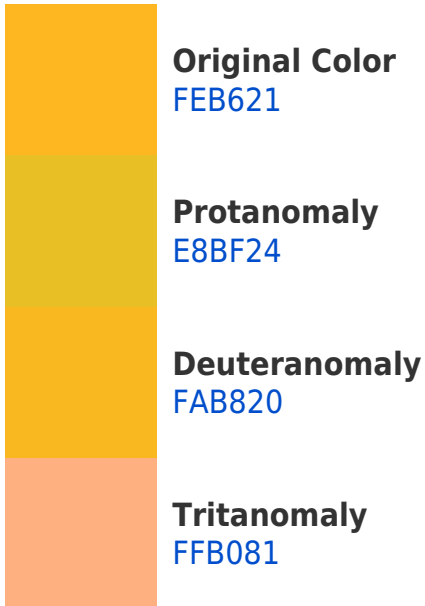


Original Color
FEB621

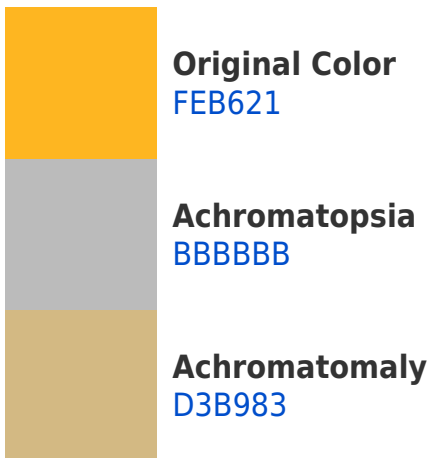
Protanopia
DCC425

Deuteranopia
F7B91F

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex FEB621 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 #FEB621 looks like.

```
.text, #text, p{  
    color:#FEB621  
}
```

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 #FEB621 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #FEB621
}
```

Border

The CSS property to change the border of an element to Hex FEB621 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
#FEB621 }
```

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

```
.border{ border-color:#FEB621 }
```

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

Here you see how a box with a 4 pixel #FEB621 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #FEB621; -webkit-box-shadow:4px 4px  
4px 4px #FEB621; box-shadow:4px 4px 4px  
4px #FEB621 }
```

Background

The CSS property to change the background color of an element to Hex FEB621 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#FEB621 }
```

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

```
.background{ background-color:#FEB621 }
```

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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