

Converting Colors

Hex(FE862B)

Have a look what the booklet for
Hex(FE862B) contains.

Hex(FE862B)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(FE862B)

Conversions

Conversions Part 1

Format	Color
Hex	FE862B
RGB	254, 134, 43
RGB Percent	100%, 53%, 17%
CMY	0.0039, 0.4745, 0.8314
CMYK	0.00, 0.47, 0.83, 0.00
HSL	26°, 99%, 58%
HSV	26°, 83%, 100%
XYZ	49.8342, 38.2954, 7.0507
YIQ	159.5060, 100.7310, -2.8610

Conversions

Conversions Part 2

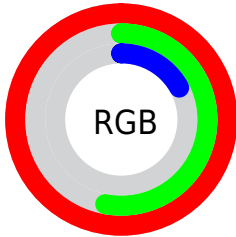
Format	Color
RYB	254, 203, 43
Decimal	16680491
CIELab	68.24, 40.09, 64.92
CIELCh	68, 76.303, 58.307
Yxy	38.2954, 0.5236, 0.4023
Android (android.graphics.Color)	4294870571 (0xFFFE862B)
YUV	159.5060, -57.4375, 82.8712
Hunter-Lab	61.8833, 35.4490, 36.5631

Details

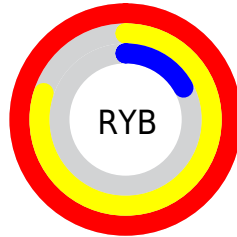
The Hex color **FE862B** is a dark color, and the websafe version is hex **FF9933**. The color can be described as middle washed orange. A complement of this color would be **2BA3FE**, and the grayscale version is **A0A0A0**.

A 20% lighter version of the original color is **FFBD61**, and **BE5200** is the 20% darker color. If you saturate the color by 10%, you get **FE7812**, and if you desaturate by 10%, it is **FE9444**.

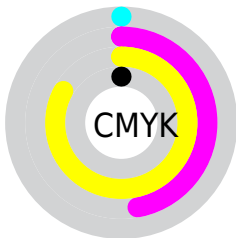
Distribution



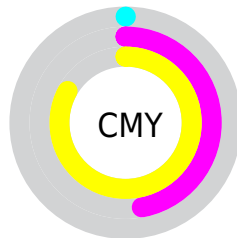
- Red (100%)
- Green (53%)
- Blue (17%)



- Red (100%)
- Yellow (80%)
- Blue (17%)



- Cyan (0%)
- Magenta (47%)
- Yellow (83%)
- Black (0%)



- Cyan (0%)
- Magenta (47%)
- Yellow (83%)

Brightness & Saturation Gradients

These gradients show how the Hex color FE862B 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 FE862B by changing the saturation by 10% instead.

 FE862B

 FE862B

FFFFFF

 DE6C08

 FFBD61

 BE5200

 FFD97C

 9F3900

 FFF697

 801F00

 FFFFB3

 620000

 FFFFCE

 460000

 FFFFEC

 2C0001

 000000

 FE862B

 FE862B

■ FE7812

■ FE9444

■ FE6E00

■ FEA35E

■ FEB177

■ FEC091

■ FECEAA

■ FEDDC3

■ FEEBDD

■ FEFAF6

FEFFFF

Harmonies

Analogous

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



FF6869



FE862B



CAA200

Triad

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



FE862B



00C5A0



9B96FF

Complementary

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



FE862B



2BA3FE

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.



00B0FF



FE862B



00C5E6

Square

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



FE862B



00C059



00BFFF



F575F0

Rectangle

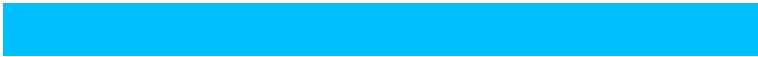
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



FE862B



9FB000



00BFFF



69A0FF

Sweetspot

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



FE862B



FFDBBF



FE2BA6



806A59



000000



808080

Same Dimension

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



FE862B



FF6E00



FEEC2B



807873



BF5200



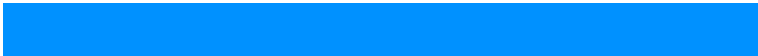
401B00

Inverse Universe

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



2BA3FE



0091FF



2B3DFE



737A80



006DBF



002440

Previews

White Background



This preview shows how the Hex color FE862B looks on a white background.

Color Contrast Check

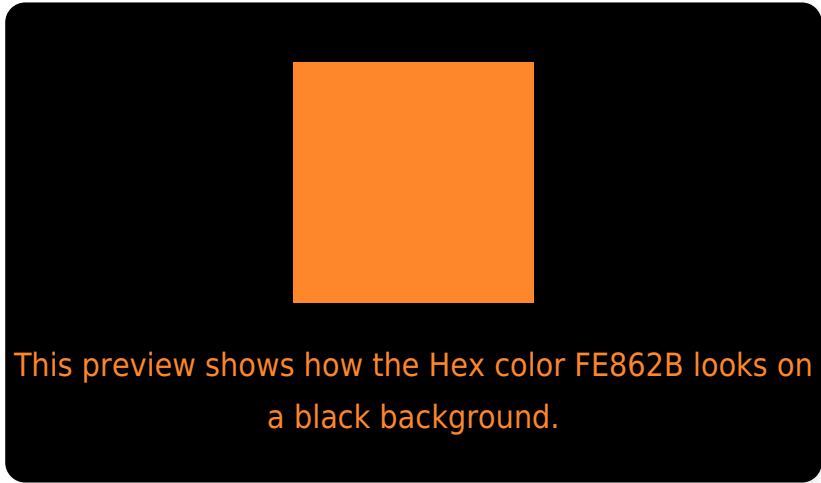
Large Text (above 18pt) WCAG AA × Fail

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 FE862B Background



This preview shows how black text looks on a background with the Hex color FE862B.



This preview shows how white text looks on a background with the Hex color FE862B.

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
FE862B

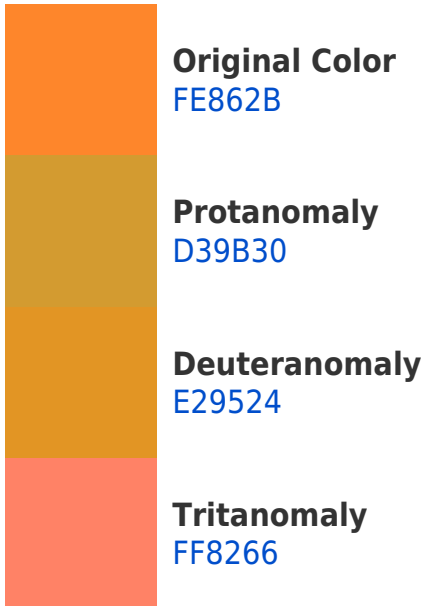
Protanopia
BBA733

Deuteranopia
D29E20

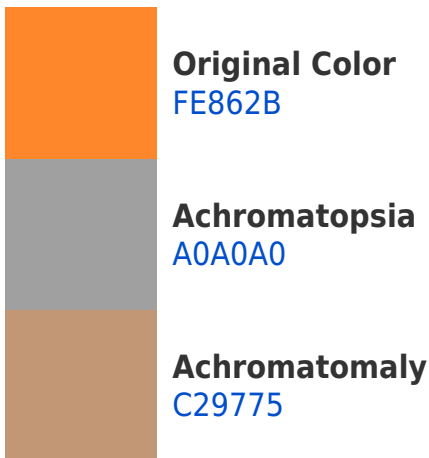


Tritanopia
FF7F88

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex FE862B 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 #FE862B looks like.

```
.text, #text, p{  
    color:#FE862B  
}
```

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 #FE862B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #FE862B
}
```

Border

The CSS property to change the border of an element to Hex FE862B 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
#FE862B }
```

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

```
.border{ border-color:#FE862B }
```

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

Here you see how a box with a 4 pixel #FE862B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #FE862B; -webkit-box-shadow:4px 4px  
4px 4px #FE862B; box-shadow:4px 4px 4px  
4px #FE862B }
```

Background

The CSS property to change the background color of an element to Hex FE862B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#FE862B }
```

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

```
.background{ background-color:#FE862B }
```

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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