

Converting Colors

Hex(871C21)

Have a look what the booklet for
Hex(871C21) contains.

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Color

Hex(871C21)

Conversions

Conversions Part 1

Format	Color
Hex	871C21
RGB	135, 28, 33
RGB Percent	53%, 11%, 13%
CMY	0.4706, 0.8902, 0.8706
CMYK	0.00, 0.79, 0.76, 0.47
HSL	357°, 66%, 32%
HSV	357°, 79%, 53%
XYZ	10.6814, 6.0912, 2.0516
YIQ	60.5630, 62.1670, 24.2390

Conversions

Conversions Part 2

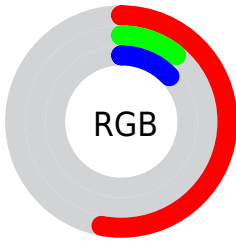
Format	Color
R_{YB}	135, 28, 33
Decimal	8854561
CIE Lab	29.64, 44.56, 25.47
CIE LCh	30, 51.324, 29.756
Yxy	6.0912, 0.5674, 0.3236
Android (android.graphics.Color)	4287044641 (0xFF871C21)
YUV	60.5630, -13.5886, 65.2812
Hunter-Lab	24.6804, 34.0625, 12.3477

Details

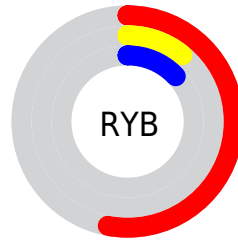
The Hex color **871C21** is a dark color, and the websafe version is hex **993333**. A complement of this color would be **1C8782**, and the grayscale version is **3D3D3D**.

A 20% lighter version of the original color is **C2524D**, and **4E0000** is the 20% darker color. If you saturate the color by 10%, you get **870E14**, and if you desaturate by 10%, it is **87292E**.

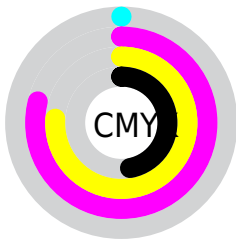
Distribution



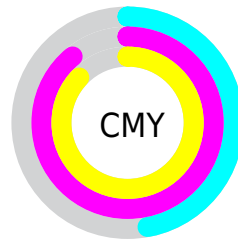
- Red (53%)
- Green (11%)
- Blue (13%)



- Red (53%)
- Yellow (11%)
- Blue (13%)



- Cyan (0%)
- Magenta (79%)
- Yellow (76%)
- Black (47%)



- Cyan (47%)
- Magenta (89%)
- Yellow (87%)

Brightness & Saturation Gradients

These gradients show how the Hex color 871C21 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 871C21 by changing the saturation by 10% instead.

 871C21

 871C21

FFFFFF

 6A000C

 C2524D

 4E0000

 E16D65

 340002

 FF877E

 000000

 FFA398

 FFBFB3

 FFDBCF

 FFF8EB

 871C21

 871C21

■ 870E14

■ 87292E

■ 870107

■ 87373B

■ 870006

■ 874448

■ 875254

■ 875F61

■ 876D6E

■ 877A7B

■ 878888

■ 879695

Harmonies

Analogous

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



890F48



871C21



743300

Triad

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



871C21



00541A



004B96

Complementary

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



871C21



1C8782

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.



00548B



871C21



005744

Square

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



871C21



2E4F00



00576D



3F3B8C

Rectangle

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



871C21



623F00



00576D



004F95

Sweetspot

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



871C21



B08688



821C87



593F41



D9D9D9



595959

Same Dimension

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



871C21



B00911



874C1C



423C3C



820006



030000

Inverse Universe

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



871C21



B00911



1C5787



423C3C



820006



030000

Previews

White Background



This preview shows how the Hex color 871C21 looks on a white 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

Black 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

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Hex 871C21 Background



This preview shows how black text looks on a background with the Hex color 871C21.



This preview shows how white text looks on a background with the Hex color 871C21.

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
871C21

Protanopia
4E482F

Deuteranopia
59441A



Tritanopia
871D1D

Trichromacy



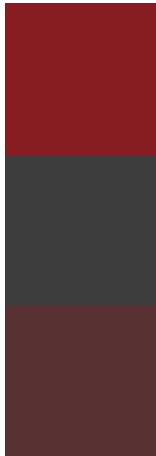
Original Color
871C21

Protanomaly
63382A

Deuteranomaly
6A351D

Tritanomaly
871D1E

Monochromacy



Original Color
871C21

Achromatopsia
3D3D3D

Achromatomaly
583133

CSS Examples

Text

The CSS property to change the color of the text to Hex 871C21 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 #871C21 looks like.

```
.text, #text, p{  
    color:#871C21  
}
```

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 #871C21 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #871C21
}
```

Border

The CSS property to change the border of an element to Hex 871C21 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
#871C21 }
```

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

```
.border{ border-color:#871C21 }
```

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

Here you see how a box with a 4 pixel #871C21 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #871C21; -webkit-box-shadow:4px 4px  
4px 4px #871C21; box-shadow:4px 4px 4px  
4px #871C21 }
```

Background

The CSS property to change the background color of an element to Hex 871C21 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#871C21 }
```

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

```
.background{ background-color:#871C21 }
```

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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