

Converting Colors

Hex(78222F)

Have a look what the booklet for
Hex(78222F) contains.

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Color

Hex(78222F)

Conversions

Conversions Part 1

Format	Color
Hex	78222F
RGB	120, 34, 47
RGB Percent	47%, 13%, 18%
CMY	0.5294, 0.8667, 0.8157
CMYK	0.00, 0.72, 0.61, 0.53
HSL	351°, 56%, 30%
HSV	351°, 72%, 47%
XYZ	8.8308, 5.3424, 3.2551
YIQ	61.1960, 47.0830, 22.2750

Conversions

Conversions Part 2

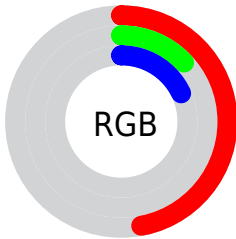
Format	Color
R_{YB}	120, 34, 47
Decimal	7873071
CIE Lab	27.69, 38.15, 13.25
CIE LCh	28, 40.383, 19.159
Yxy	5.3424, 0.5067, 0.3065
Android (android.graphics.Color)	4286063151 (0xFF78222F)
YUV	61.1960, -6.9986, 51.5711
Hunter-Lab	23.1135, 27.7497, 7.8297

Details

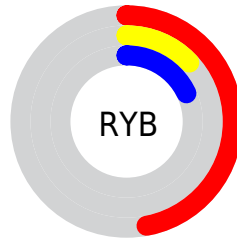
The Hex color **78222F** is a dark color, and the websafe version is hex **993333**. A complement of this color would be **22786B**, and the grayscale version is **3D3D3D**.

A 20% lighter version of the original color is **B1555D**, and **420000** is the 20% darker color. If you saturate the color by 10%, you get **781625**, and if you desaturate by 10%, it is **782E39**.

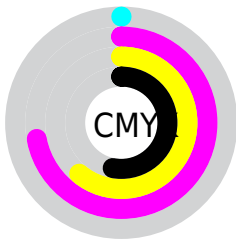
Distribution



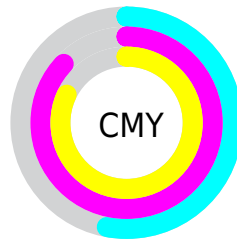
- Red (47%)
- Green (13%)
- Blue (18%)



- Red (47%)
- Yellow (13%)
- Blue (18%)



- Cyan (0%)
- Magenta (72%)
- Yellow (61%)
- Black (53%)



- Cyan (53%)
- Magenta (87%)
- Yellow (82%)

Brightness & Saturation Gradients

These gradients show how the Hex color 78222F 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 78222F by changing the saturation by 10% instead.

 78222F

 78222F

FFFFFF

 5C031A

 B1555D

 420000

 CE6E75

 290001

 EB898F

 000000

 FFA4A9

 FFC0C4

 FFDCE0

 FFF9FD

 78222F

 78222F

781625

782E39

780A1B

783A43

780012

78464E

785258

785E62

786A6C

787676

788280

788E8B

Harmonies

Analogous

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



73224E



78222F



6E2E12

Triad

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



78222F



134C15



00487E

Complementary

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



78222F



22786B

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.



004E70



78222F



004F35

Square

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



78222F



3D4600



004F55



273E7C

Rectangle

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



78222F



613800



004F55



004B7B

Sweetspot

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



78222F



9C797F



6A2278



4F3A3E



CFCFCF



4F4F4F

Same Dimension

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



78222F



9C162A



783F22



3D3738



7D0013



FC0026

Inverse Universe

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



78222F



9C162A



225B78



3D3738



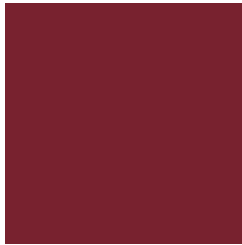
7D0013



FC0026

Previews

White Background



This preview shows how the Hex color 78222F 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

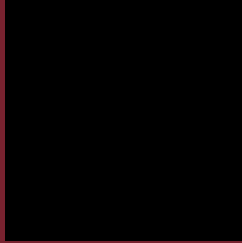
Any Text WCAG AA × Fail

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 78222F Background



This preview shows how black text looks on a background with the Hex color 78222F.



This preview shows how white text looks on a background with the Hex color 78222F.

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
78222F

Protanopia
45423D

Deuteranopia
50402B

Trichromacy



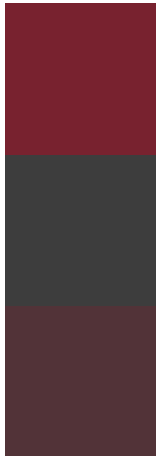
Original Color
78222F

Protanomaly
583638

Deuteranomaly
5F352C

Tritanomaly
782329

Monochromacy



Original Color
78222F

Achromatopsia
3D3D3D

Achromatomaly
523338

CSS Examples

Text

The CSS property to change the color of the text to Hex 78222F 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 #78222F looks like.

```
.text, #text, p{  
    color:#78222F  
}
```

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 #78222F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #78222F
}
```

Border

The CSS property to change the border of an element to Hex 78222F is called "border". The border property can be set on classes, ids or directly on the HTML element.

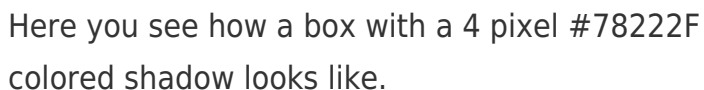
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#78222F }
```

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

```
.border{ border-color:#78222F }
```

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



Here you see how a box with a 4 pixel `#78222F` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #78222F; -webkit-box-shadow:4px 4px  
4px 4px #78222F; box-shadow:4px 4px 4px  
4px #78222F }
```

Background

The CSS property to change the background color of an element to Hex 78222F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#78222F }
```

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

```
.background{ background-color:#78222F }
```

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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