

Converting Colors

Hex(72E83F)

Have a look what the booklet for
Hex(72E83F) contains.

| | |
|--|----|
| Hex(72E83F) | 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(72E83F)

Conversions

Conversions Part 1

| Format | Color |
|-------------|------------------------------|
| Hex | 72E83F |
| RGB | 114, 232, 63 |
| RGB Percent | 45%, 91%, 25% |
| CMY | 0.5529, 0.0902, 0.7529 |
| CMYK | 0.51, 0.00, 0.73, 0.09 |
| HSL | 102°, 79%, 58% |
| HSV | 102°, 73%, 91% |
| XYZ | 36.6932, 61.6495, 14.6682 |
| YIQ | 177.4520, -16.0790, -77.5750 |

Conversions

Conversions Part 2

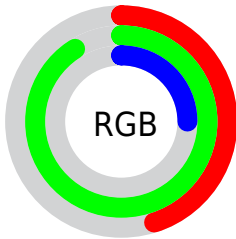
| Format | Color |
|-------------------------------------|--|
| RYB | 63, 232, 181 |
| Decimal | 7530559 |
| CIELab | 82.73, -61.48, 67.69 |
| CIElCh | 83, 91.441, 132.245 |
| Yxy | 61.6495, 0.3247, 0.5455 |
| Android (android.graphics.Color) | 4285720639 (0xFF72E83F) |
| YUV | 177.4520, -56.4248, -55.6474 |
| Hunter-Lab | 78.5172, -53.9872, 43.8857 |

Details

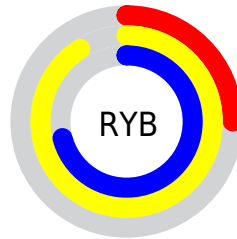
The Hex color **72E83F** is a dark color, and the websafe version is hex **66CC00**. The color can be described as middle washed chartreuse. A complement of this color would be **B53FE8**, and the grayscale version is **B2B2B2**.

A 20% lighter version of the original color is **AFFF79**, and **2DAF00** is the 20% darker color. If you saturate the color by 10%, you get **62E828**, and if you desaturate by 10%, it is **82E856**.

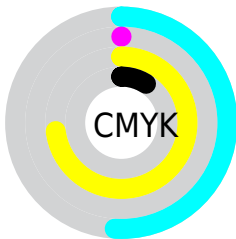
Distribution



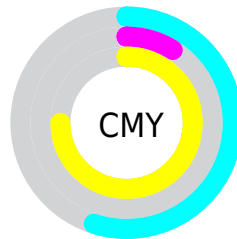
- Red (45%)
- Green (91%)
- Blue (25%)



- Red (25%)
- Yellow (91%)
- Blue (71%)



- Cyan (51%)
- Magenta (0%)
- Yellow (73%)
- Black (9%)



- Cyan (55%)
- Magenta (9%)
- Yellow (75%)

Brightness & Saturation Gradients

These gradients show how the Hex color 72E83F 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 72E83F by changing the saturation by 10% instead.

 72E83F

 72E83F


FFFFFF

 52CB1D

 AFFF79

 2DAF00

 CDFF95

 009400

 EBFFB1

 007900

 FFFFCE

 005F00

 FFFFEC

 004600

 002F00

 001100

 000000

 72E83F

 72E83F

 62E828

 82E856

 52E811

 92E86D

 46E800

 A3E885

 B3E89C

 C3E8B3

 D3E8CA

 E3E8E1

 F4E8F9

 FFE8FF

Harmonies

Analogous

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



D5D500



72E83F



00F296

Triad

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



72E83F



00E6FF



FF73AE

Complementary

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



72E83F



B53FE8

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.



FF7EFF



72E83F



35CCFF

Square

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



72E83F



00F2FF



FDA6FF



FF905D

Rectangle

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



72E83F



00F5D2



FDA6FF



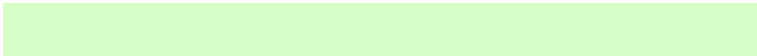
FF71CB

Sweetspot

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



72E83F



D8FFC7



E8B23F



68805E



000000



808080

Same Dimension

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



72E83F



64FF21



3FE85E



6B7367



36B300



0F3300

Inverse Universe

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



B53FE8



BC21FF



E83FC9



6F6773



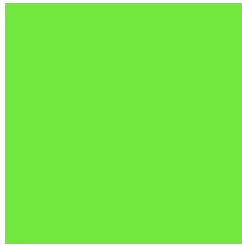
7D00B3



240033

Previews

White Background



This preview shows how the Hex color 72E83F looks on a white background.

Color Contrast Check

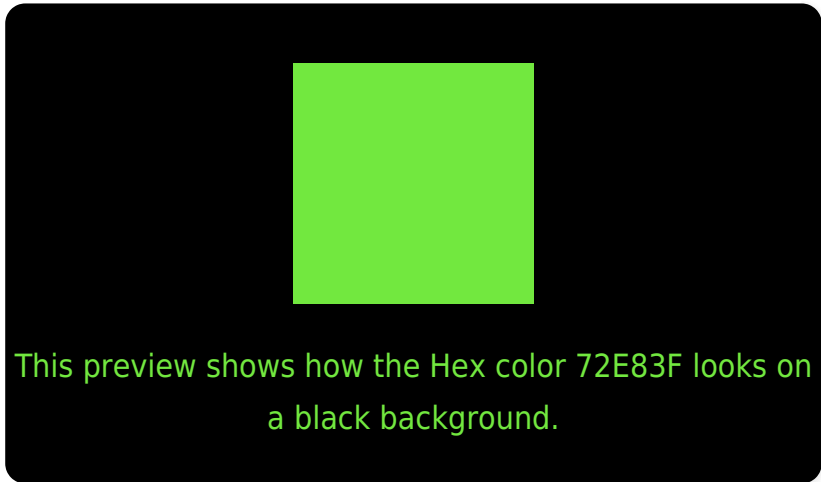
Large Text (above 18pt) WCAG AA × Fail

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 72E83F Background



This preview shows how black text looks on a background with the Hex color 72E83F.

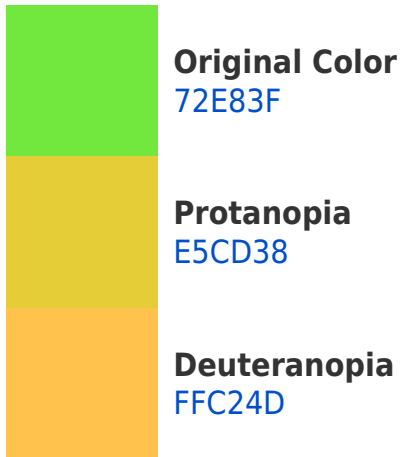


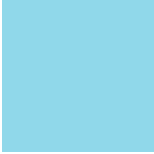
This preview shows how white text looks on a background with the Hex color 72E83F.

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





Tritanopia
90D8EA

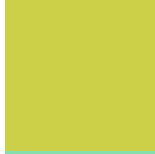
Trichromacy



Original Color
72E83F



Protanomaly
BBD73B



Deuteranomaly
CCD048

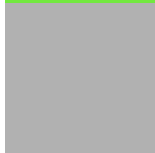


Tritanomaly
85DEAC

Monochromacy



Original Color
72E83F



Achromatopsia
B1B1B1



Achromatomaly
9AC588

CSS Examples

Text

The CSS property to change the color of the text to Hex 72E83F 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 #72E83F looks like.

```
.text, #text, p{  
    color:#72E83F  
}
```

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 #72E83F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #72E83F
}
```

Border

The CSS property to change the border of an element to Hex 72E83F 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
#72E83F }
```

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

```
.border{ border-color:#72E83F }
```

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

Here you see how a box with a 4 pixel #72E83F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #72E83F; -webkit-box-shadow:4px 4px  
4px 4px #72E83F; box-shadow:4px 4px 4px  
4px #72E83F }
```

Background

The CSS property to change the background color of an element to Hex 72E83F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#72E83F }
```

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

```
.background{ background-color:#72E83F }
```

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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