

Converting Colors

Hex(78CA28)

Have a look what the booklet for
Hex(78CA28) contains.

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Color

Hex(78CA28)

Conversions

Conversions Part 1

Format	Color
Hex	78CA28
RGB	120, 202, 40
RGB Percent	47%, 79%, 16%
CMY	0.5294, 0.2078, 0.8431
CMYK	0.41, 0.00, 0.80, 0.21
HSL	90°, 67%, 47%
HSV	90°, 80%, 79%
XYZ	29.2493, 46.3873, 9.4195
YIQ	159.0140, 3.1300, -67.7660

Conversions

Conversions Part 2

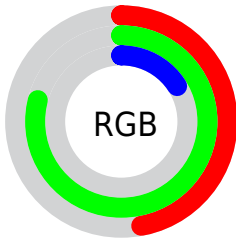
Format	Color
RYB	40, 202, 122
Decimal	7916072
CIELab	73.80, -49.48, 66.37
CIELCh	74, 82.784, 126.709
Yxy	46.3873, 0.3439, 0.5454
Android (android.graphics.Color)	4286106152 (0xFF78CA28)
YUV	159.0140, -58.6739, -34.2153
Hunter-Lab	68.1082, -42.5321, 39.4758

Details

The Hex color **78CA28** is a dark color, and the websafe version is hex **66CC33**. The color can be described as dark muted chartreuse. A complement of this color would be **7A28CA**, and the grayscale version is **A0A0A0**.

A 20% lighter version of the original color is **B2FF64**, and **3C9300** is the 20% darker color. If you saturate the color by 10%, you get **6ECA14**, and if you desaturate by 10%, it is **82CA3C**.

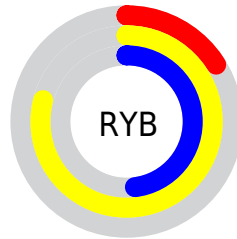
Distribution



Red (47%)

Green (79%)

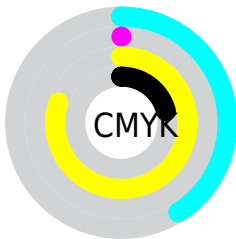
Blue (16%)



Red (16%)

Yellow (79%)

Blue (48%)

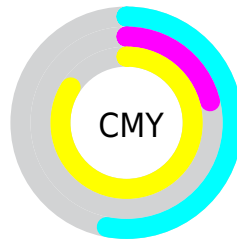


Cyan (41%)

Magenta (0%)

Yellow (80%)

Black (21%)



Cyan (53%)

Magenta (21%)

Yellow (84%)

Brightness & Saturation Gradients

These gradients show how the Hex color 78CA28 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 78CA28 by changing the saturation by 10% instead.

 78CA28

 78CA28

FFFFFF

 5BAE00

 B2FF64

 3C9300

 D0FF80

 177900

 EDFF9C

 005F00

 FFFF80

 004700

 FFFF50

 003000

 FFFF30

 001600

 000000

 78CA28

 78CA28

 6ECA14

 82CA3C

 64CA00

 8CCA50

 97CA65

 A1CA79

 ABCA8D

 B5CAA1

 C0CAB5

 CACACA

 D4CADE

Harmonies

Analogous

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



C9B700



78CA28



00D476

Triad

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



78CA28



00CDFE



FF63A8

Complementary

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



78CA28



7A28CA

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.



FF74F3



78CA28



00B9FF

Square

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



78CA28



00D6FF



CC99FF



FF795E

Rectangle

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



78CA28



00D7AA



CC99FF



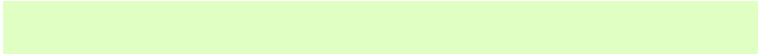
FF65C1

Sweetspot

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



78CA28



E0FFC2



CA7928



6D805B



000000



808080

Same Dimension

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



78CA28



83FF0A



28CA28



61665C



52A600



132600

Inverse Universe

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



7A28CA



860AFF



CA28CA



615C66



5400A6



130026

Previews

White Background



This preview shows how the Hex color 78CA28 looks on a white background.

Color Contrast Check

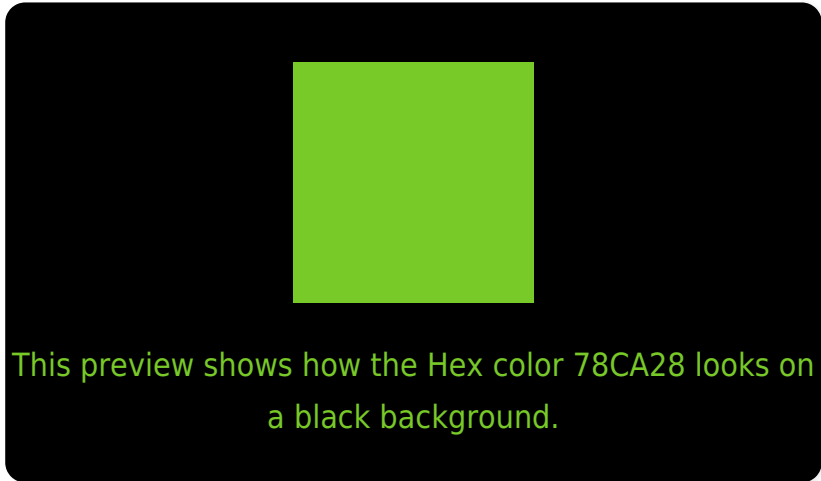
Large Text (above 18pt) WCAG AA × Fail

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 78CA28 Background



This preview shows how black text looks on a background with the Hex color 78CA28.



This preview shows how white text looks on a background with the Hex color 78CA28.

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
78CA28

Protanopia
CBB522

Deuteranopia
E2AB37



Tritanopia
8EBCCB

Trichromacy



Original Color
78CA28



Protanomaly
A8BD24



Deuteranomaly
B8B632



Tritanomaly
86C190

Monochromacy



Original Color
78CA28



Achromatopsia
9F9F9F



Achromatomaly
91AF74

CSS Examples

Text

The CSS property to change the color of the text to Hex 78CA28 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 #78CA28 looks like.

```
.text, #text, p{  
    color:#78CA28  
}
```

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 #78CA28 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #78CA28
}
```

Border

The CSS property to change the border of an element to Hex 78CA28 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
#78CA28 }
```

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

```
.border{ border-color:#78CA28 }
```

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

Here you see how a box with a 4 pixel #78CA28 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #78CA28; -webkit-box-shadow:4px 4px  
4px 4px #78CA28; box-shadow:4px 4px 4px  
4px #78CA28 }
```

Background

The CSS property to change the background color of an element to Hex 78CA28 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#78CA28 }
```

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

```
.background{ background-color:#78CA28 }
```

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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