

Converting Colors

Hex(71C32D)

Have a look what the booklet for
Hex(71C32D) contains.

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Color

Hex(71C32D)

Conversions

Conversions Part 1

Format	Color
Hex	71C32D
RGB	113, 195, 45
RGB Percent	44%, 76%, 18%
CMY	0.5569, 0.2353, 0.8235
CMYK	0.42, 0.00, 0.77, 0.24
HSL	93°, 62%, 47%
HSV	93°, 77%, 76%
XYZ	26.7988, 42.7304, 9.3180
YIQ	153.3820, -0.7220, -64.0340

Conversions

Conversions Part 2

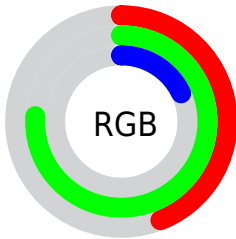
Format	Color
RYB	45, 195, 127
Decimal	7455533
CIELab	71.37, -48.74, 62.51
CIELCh	71, 79.260, 127.944
Yxy	42.7304, 0.3399, 0.5419
Android (android.graphics.Color)	4285645613 (0xFF71C32D)
YUV	153.3820, -53.4323, -35.4150
Hunter-Lab	65.3685, -41.2160, 37.3064

Details

The Hex color **71C32D** 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 **7F2DC3**, and the grayscale version is **9A9A9A**.

A 20% lighter version of the original color is **ABFC66**, and **358D00** is the 20% darker color. If you saturate the color by 10%, you get **66C319**, and if you desaturate by 10%, it is **7CC341**.

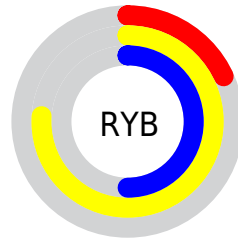
Distribution



Red (44%)

Green (76%)

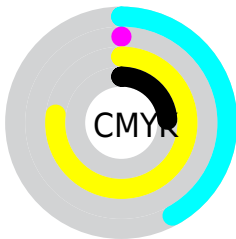
Blue (18%)



Red (18%)

Yellow (76%)

Blue (50%)

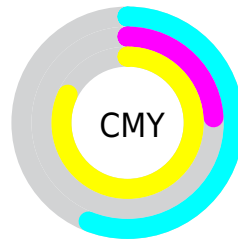


Cyan (42%)

Magenta (0%)

Yellow (77%)

Black (24%)



Cyan (56%)

Magenta (24%)

Yellow (82%)

Brightness & Saturation Gradients

These gradients show how the Hex color 71C32D 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 71C32D by changing the saturation by 10% instead.

 71C32D

 71C32D

FFFFFF

 54A702

 ABFC66

 358D00

 C8FF82

 0C7200

 E5FF9E

 005900

 FFFFBA

 004100

 FFFFD7

 002B00

 FFFFF4

 000900

 000000

 71C32D

 71C32D

■ 66C319

■ 7CC341

■ 5CC306

■ 86C354

■ 58C300

■ 91C368

■ 9CC37B

■ A6C38F

■ B1C3A2

■ BCC3B6

■ C6C3C9

■ D1C3DC

Harmonies

Analogous

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



BFB200



71C32D



00CC75

Triad

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



71C32D



00C5FF



FF629F

Complementary

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



71C32D



7F2DC3

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.



FF70E7



71C32D



00B1FF

Square

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



71C32D



00CEFF



C992FF



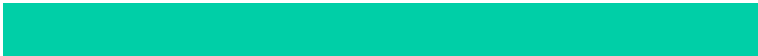
FF7759

Rectangle

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



71C32D



00CFA7



C992FF



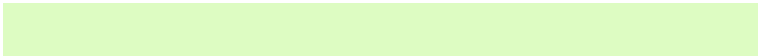
FF63B7

Sweetspot

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



71C32D



DDFCC2



C37D2D



6C805C



000000



808080

Same Dimension

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



71C32D



7DFC14



2DC332



5C6157



49A100



0F2100

Inverse Universe

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



7F2DC3



9314FC



C32DBE



5D5761



5800A1



120021

Previews

White Background



This preview shows how the Hex color 71C32D looks on a white background.

Color Contrast Check

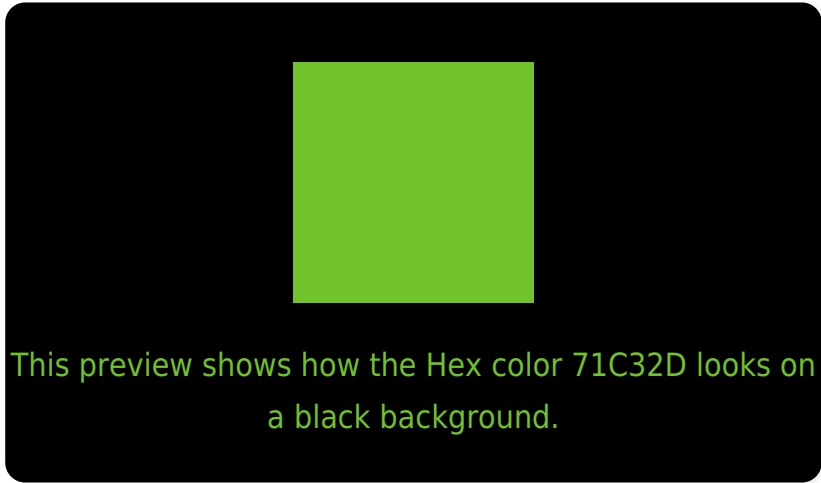
Large Text (above 18pt) WCAG AA × Fail

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 71C32D Background



This preview shows how black text looks on a background with the Hex color 71C32D.

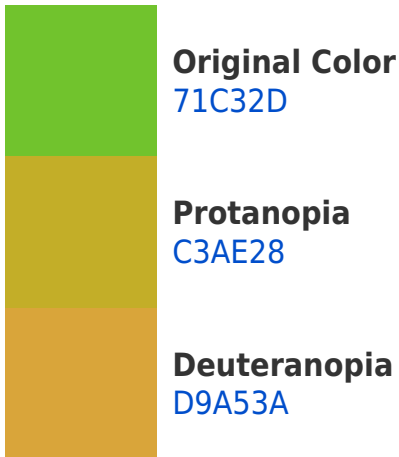


This preview shows how white text looks on a background with the Hex color 71C32D.

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
87B6C4

Trichromacy



Original Color
71C32D



Protanomaly
A5B62A



Deuteranomaly
B3B035



Tritanomaly
7FBB8D

Monochromacy



Original Color
71C32D



Achromatopsia
999999



Achromatomaly
8AA872

CSS Examples

Text

The CSS property to change the color of the text to Hex 71C32D 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 #71C32D looks like.

```
.text, #text, p{  
    color:#71C32D  
}
```

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 #71C32D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #71C32D
}
```

Border

The CSS property to change the border of an element to Hex 71C32D 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
#71C32D }
```

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

```
.border{ border-color:#71C32D }
```

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

Here you see how a box with a 4 pixel #71C32D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #71C32D; -webkit-box-shadow:4px 4px  
4px 4px #71C32D; box-shadow:4px 4px 4px  
4px #71C32D }
```

Background

The CSS property to change the background color of an element to Hex 71C32D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#71C32D }
```

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

```
.background{ background-color:#71C32D }
```

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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