

Converting Colors

Hex(72C173)

Have a look what the booklet for
Hex(72C173) contains.

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Color

Hex(72C173)

Conversions

Conversions Part 1

Format	Color
Hex	72C173
RGB	114, 193, 115
RGB Percent	45%, 76%, 45%
CMY	0.5529, 0.2431, 0.5490
CMYK	0.41, 0.00, 0.40, 0.24
HSL	121°, 39%, 60%
HSV	121°, 41%, 76%
XYZ	29.1039, 42.9551, 22.9769
YIQ	160.4870, -22.0460, -41.0060

Conversions

Conversions Part 2

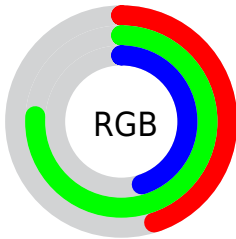
Format	Color
RYB	114, 192, 193
Decimal	7520627
CIELab	71.52, -40.25, 31.83
CIELCh	72, 51.318, 141.662
Yxy	42.9551, 0.3062, 0.4520
Android (android.graphics.Color)	4285710707 (0xFF72C173)
YUV	160.4870, -22.4251, -40.7691
Hunter-Lab	65.5402, -35.4302, 25.0924

Details

The Hex color **72C173** is a dark color, and the websafe version is hex **66CC66**. A complement of this color would be **C172C0**, and the grayscale version is **A1A1A1**.

A 20% lighter version of the original color is **A9FAA8**, and **3B8B41** is the 20% darker color. If you saturate the color by 10%, you get **5FC160**, and if you desaturate by 10%, it is **85C186**.

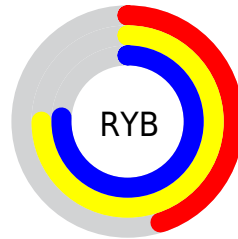
Distribution



Red (45%)

Green (76%)

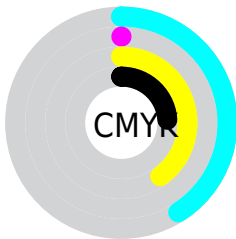
Blue (45%)



Red (45%)

Yellow (75%)

Blue (76%)

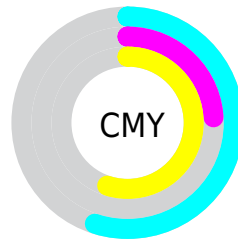


Cyan (41%)

Magenta (0%)

Yellow (40%)

Black (24%)



Cyan (55%)

Magenta (24%)

Yellow (55%)

Brightness & Saturation Gradients

These gradients show how the Hex color 72C173 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 72C173 by changing the saturation by 10% instead.

 72C173

 72C173

FFFFFF

 57A65A


 A9FAA8

 3B8B41

 C6FFC3

 1D712A

 E2FFDF

 005812

FFFFFC

 003F00

 002A00

 000A00

 000000

 72C173

 72C173

 5FC160

 85C186

 4BC14D

 99C199

 38C13A

 ACC1AC

 25C127

 BFC1BF

 12C114

 D3C1D2

 00C102

 E6C1E5

 F9C1F8

 FFC1FF

Harmonies

Analogous

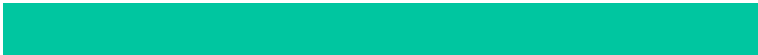
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



A9B755



72C173



00C6A0

Triad

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



72C173



30B8FF



FF8A8F

Complementary

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



72C173



C172C0

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.



FF89BE



72C173



9EA8FF

Square

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



72C173



00C2F8



DC96EA



F89767

Rectangle

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



72C173



00C7C1



DC96EA



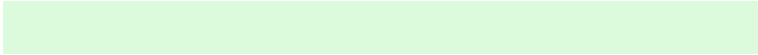
FF889F

Sweetspot

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



72C173



DCFADC



C1C172



6B7D6C



FCFCFC



7D7D7D

Same Dimension

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



72C173



7FFA81



72C19A



576157



00A102



002100

Inverse Universe

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



C172C0



FA7FF8



C1729A



615761



A1009F



210021

Previews

White Background



This preview shows how the Hex color 72C173 looks on a white background.

Color Contrast Check

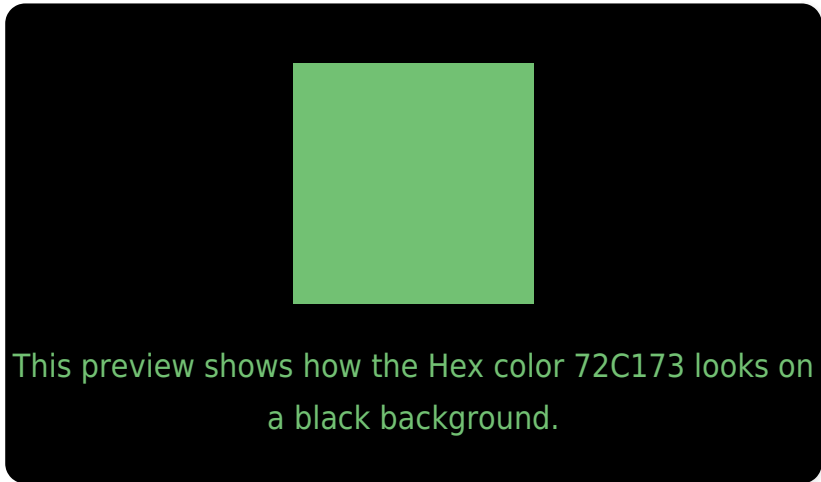
Large Text (above 18pt) WCAG AA × Fail

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

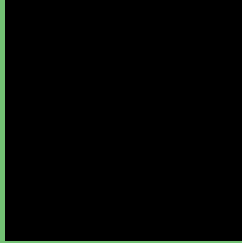
Any Text WCAG AA ✓ Pass

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 72C173 Background



This preview shows how black text looks on a background with the Hex color 72C173.

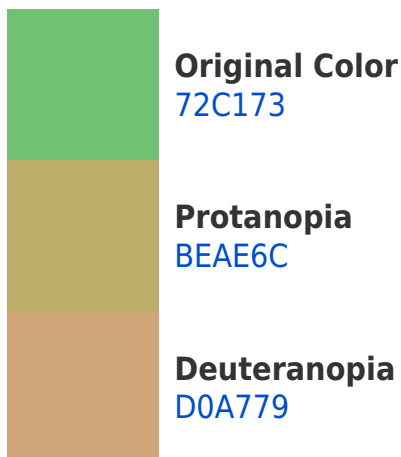


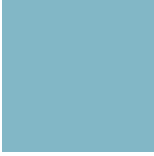
This preview shows how white text looks on a background with the Hex color 72C173.

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](#).

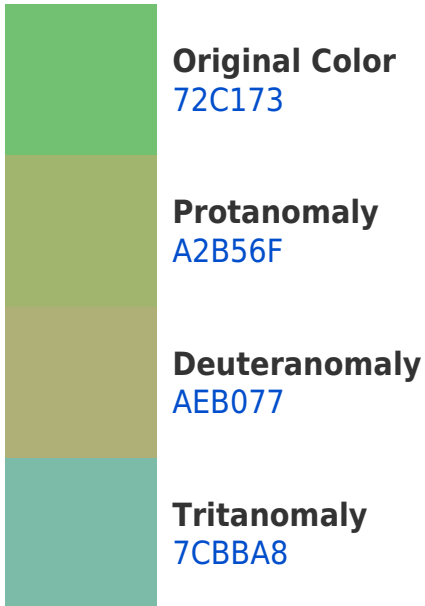
Dichromacy



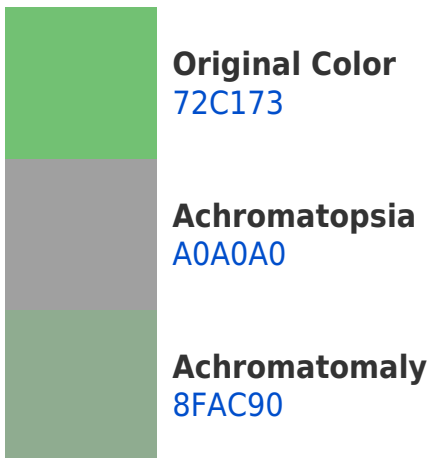


Tritanopia
82B7C6

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 72C173 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 #72C173 looks like.

```
.text, #text, p{  
    color:#72C173  
}
```

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 #72C173 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #72C173
}
```

Border

The CSS property to change the border of an element to Hex 72C173 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
#72C173 }
```

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

```
.border{ border-color:#72C173 }
```

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

Here you see how a box with a 4 pixel #72C173 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #72C173; -webkit-box-shadow:4px 4px  
4px 4px #72C173; box-shadow:4px 4px 4px  
4px #72C173 }
```

Background

The CSS property to change the background color of an element to Hex 72C173 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#72C173 }
```

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

```
.background{ background-color:#72C173 }
```

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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