

Converting Colors

Hex(64BC73)

Have a look what the booklet for
Hex(64BC73) contains.

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Color

Hex(64BC73)

Conversions

Conversions Part 1

Format	Color
Hex	64BC73
RGB	100, 188, 115
RGB Percent	39%, 74%, 45%
CMY	0.6078, 0.2627, 0.5490
CMYK	0.47, 0.00, 0.39, 0.26
HSL	130°, 40%, 56%
HSV	130°, 47%, 74%
XYZ	26.3333, 39.9136, 22.5358
YIQ	153.3660, -29.0150, -41.3590

Conversions

Conversions Part 2

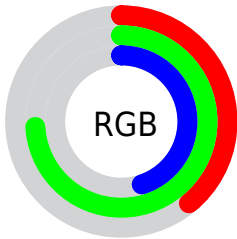
Format	Color
RYB	100, 175, 188
Decimal	6601843
CIELab	69.41, -42.18, 28.95
CIELCh	69, 51.161, 145.537
Yxy	39.9136, 0.2966, 0.4496
Android (android.graphics.Color)	4284791923 (0xFF64BC73)
YUV	153.3660, -18.9144, -46.8020
Hunter-Lab	63.1772, -36.1584, 23.0748

Details

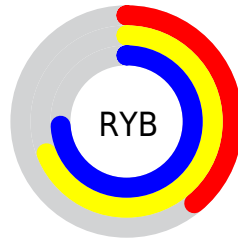
The Hex color **64BC73** is a dark color, and the websafe version is hex **66CC99**. A complement of this color would be **BC64AD**, and the grayscale version is **9A9A9A**.

A 20% lighter version of the original color is **9BF5A8**, and **2B8642** is the 20% darker color. If you saturate the color by 10%, you get **51BC63**, and if you desaturate by 10%, it is **77BC83**.

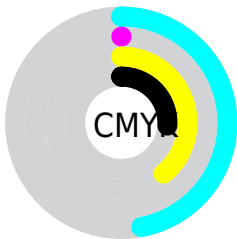
Distribution



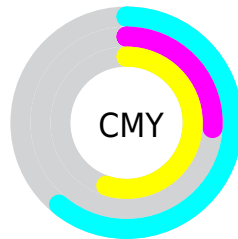
- Red (39%)
- Green (74%)
- Blue (45%)



- Red (39%)
- Yellow (69%)
- Blue (74%)



- Cyan (47%)
- Magenta (0%)
- Yellow (39%)
- Black (26%)



- Cyan (61%)
- Magenta (26%)
- Yellow (55%)

Brightness & Saturation Gradients

These gradients show how the Hex color 64BC73 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 64BC73 by changing the saturation by 10% instead.

 64BC73

 64BC73

FFFFFF

 48A15A

 9BF5A8

 2B8642

 B8FFC3

 006C2A

 D5FFDF

 005313

 F2FFFC

 003B00

 002600

 000000

 64BC73

 64BC73

 51BC63

 77BC83

 3EBC54

 8ABC92

 2CBC44

 9CBCA2

 19BC35

 AFBCB1

 06BC25

 C2BCC1

 00BC20

 D5BCD1

 E8BCE0

 FABCF0

 FFBCFF

Harmonies

Analogous

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



9DB352



64BC73



00C1A1

Triad

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



64BC73



3EB1FF



FF8584

Complementary

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



64BC73



BC64AD

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.



FB83B2



64BC73



A2A0FD

Square

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



64BC73



00BBF5



DC8EDF



ED945E

Rectangle

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



64BC73



00C1C1



DC8EDF



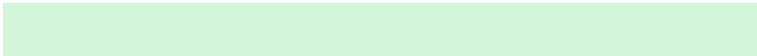
FF8393

Sweetspot

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



64BC73



D3F5D8



ADBC64



667A69



FAFAFA



7A7A7A

Same Dimension

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



64BC73



6CF583



64BC9F



555E57



009E1B



001F05

Inverse Universe

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



BC64AD



F56CDD



BC6481



5E555D



9E0083



1F0019

Previews

White Background



This preview shows how the Hex color 64BC73 looks on a white background.

Color Contrast Check

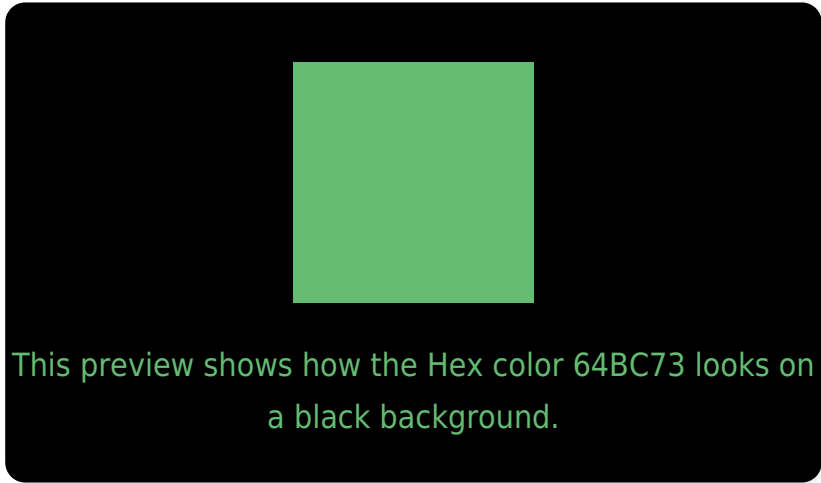
Large Text (above 18pt) WCAG AA × Fail

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 64BC73 Background



This preview shows how black text looks on a background with the Hex color 64BC73.

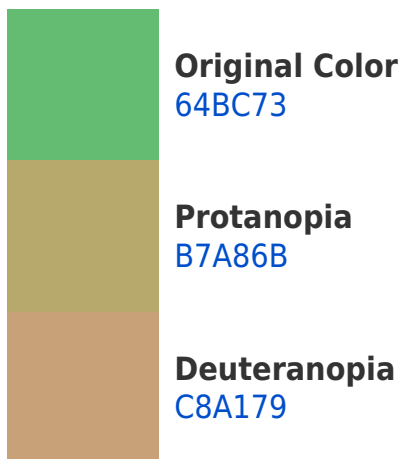


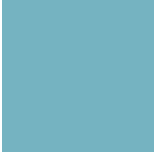
This preview shows how white text looks on a background with the Hex color 64BC73.

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](#).

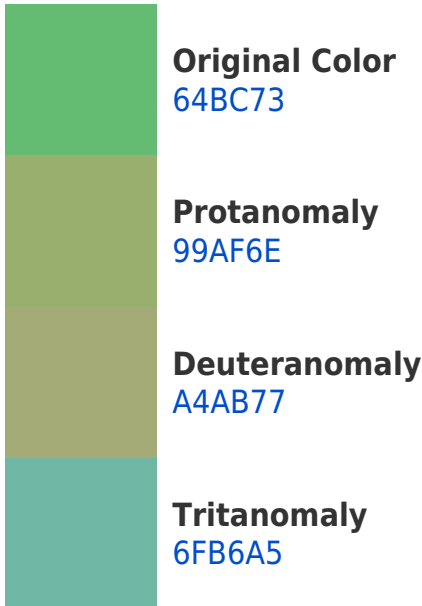
Dichromacy





Tritanopia
75B3C1

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 64BC73 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 #64BC73 looks like.

```
.text, #text, p{  
    color:#64BC73  
}
```

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 #64BC73 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #64BC73
}
```

Border

The CSS property to change the border of an element to Hex 64BC73 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
#64BC73 }
```

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

```
.border{ border-color:#64BC73 }
```

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

Here you see how a box with a 4 pixel #64BC73 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #64BC73; -webkit-box-shadow:4px 4px  
4px 4px #64BC73; box-shadow:4px 4px 4px  
4px #64BC73 }
```

Background

The CSS property to change the background color of an element to Hex 64BC73 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#64BC73 }
```

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

```
.background{ background-color:#64BC73 }
```

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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