

Converting Colors

Hex(65C748)

Have a look what the booklet for
Hex(65C748) contains.

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Color

Hex(65C748)

Conversions

Conversions Part 1

Format	Color
Hex	65C748
RGB	101, 199, 72
RGB Percent	40%, 78%, 28%
CMY	0.6039, 0.2196, 0.7176
CMYK	0.49, 0.00, 0.64, 0.22
HSL	106°, 53%, 53%
HSV	106°, 64%, 78%
XYZ	26.9600, 44.0814, 13.2185
YIQ	155.2200, -17.6410, -60.2730

Conversions

Conversions Part 2

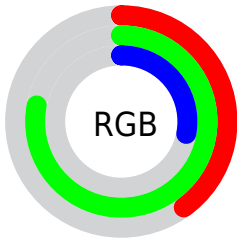
Format	Color
RYB	72, 199, 170
Decimal	6670152
CIELab	72.28, -52.01, 53.18
CIELCh	72, 74.385, 134.361
Yxy	44.0814, 0.3200, 0.5232
Android (android.graphics.Color)	4284860232 (0xFF65C748)
YUV	155.2200, -41.0275, -47.5509
Hunter-Lab	66.3938, -43.7073, 34.6715

Details

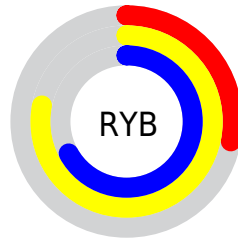
The Hex color **65C748** is a dark color, and the websafe version is hex **66CC33**. The color can be described as dark muted chartreuse. A complement of this color would be **AA48C7**, and the grayscale version is **9C9C9C**.

A 20% lighter version of the original color is **9FFF7D**, and **25900A** is the 20% darker color. If you saturate the color by 10%, you get **56C734**, and if you desaturate by 10%, it is **74C75C**.

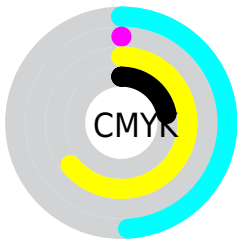
Distribution



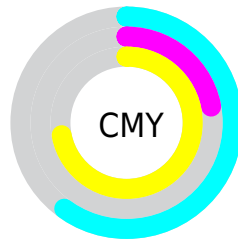
- Red (40%)
- Green (78%)
- Blue (28%)



- Red (28%)
- Yellow (78%)
- Blue (67%)



- Cyan (49%)
- Magenta (0%)
- Yellow (64%)
- Black (22%)



- Cyan (60%)
- Magenta (22%)
- Yellow (72%)

Brightness & Saturation Gradients

These gradients show how the Hex color 65C748 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 65C748 by changing the saturation by 10% instead.

 65C748

 65C748

FFFFFF

 47AB2D

 9FFF7D

 25900A

 BCFF99

 007600

 D9FFB5

 005C00

 F7FFD1

 004300

 FFFFEE

 002E00

 000F00

 000000

 65C748

 65C748

■ 56C734

■ 74C75C

■ 46C720

■ 84C770

■ 37C70C

■ 93C784

■ 2DC700

■ A2C798

■ B2C7AC

■ C1C7BF

■ D0C7D3

■ E0C7E7

■ EFC7FB

Harmonies

Analogous

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



B4B80E



65C748



00CF8A

Triad

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



65C748



00C3FF



FF6E93

Complementary

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



65C748



AA48C7

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.



FF74D8



65C748



62AEFF

Square

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



65C748



00CEFF



DE90FF



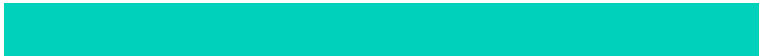
FF8454

Rectangle

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



65C748



00D1BA



DE90FF



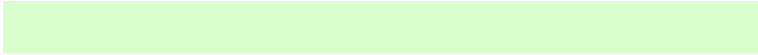
FF6DAA

Sweetspot

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



65C748



DAFFCF



C7A948



698062



000000



808080

Same Dimension

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



65C748



67FF3B



48C76A



5C635A



25A300



082400

Inverse Universe

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



AA48C7



D23BFF



C748A5



615A63



7E00A3



1C0024

Previews

White Background



This preview shows how the Hex color 65C748 looks on a white background.

Color Contrast Check

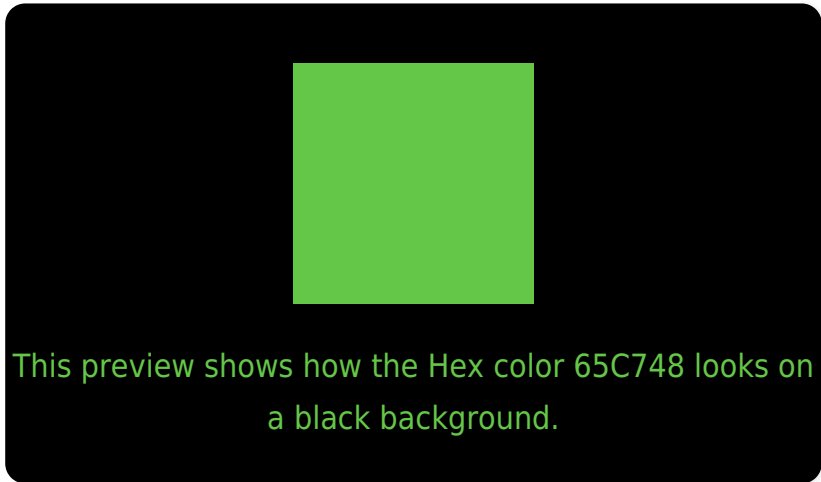
Large Text (above 18pt) WCAG AA × Fail

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 65C748 Background



This preview shows how black text looks on a background with the Hex color 65C748.

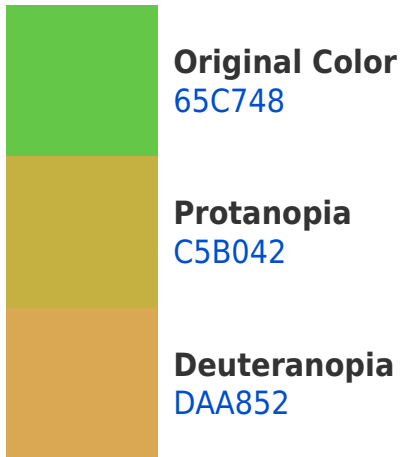


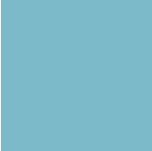
This preview shows how white text looks on a background with the Hex color 65C748.

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](#).

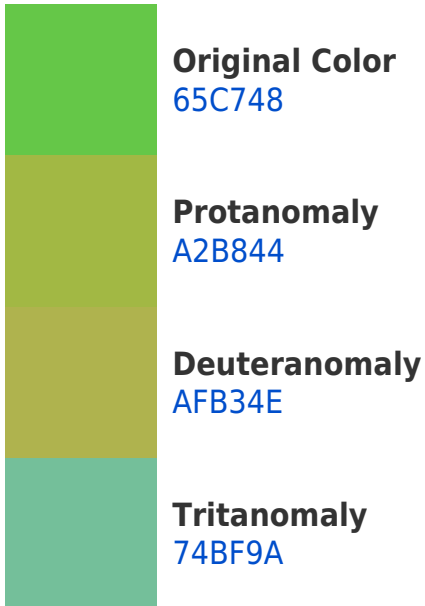
Dichromacy



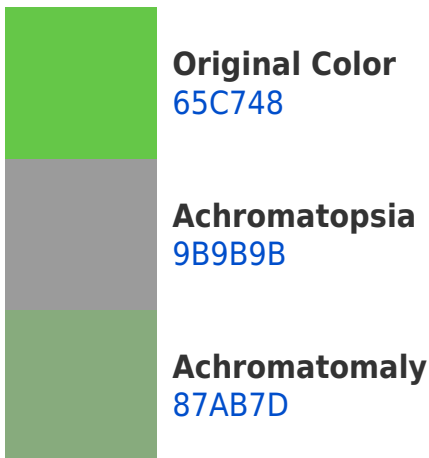


Tritanopia
7DBAC9

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 65C748 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 #65C748 looks like.

```
.text, #text, p{  
    color:#65C748  
}
```

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 #65C748 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #65C748
}
```

Border

The CSS property to change the border of an element to Hex 65C748 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
#65C748 }
```

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

```
.border{ border-color:#65C748 }
```

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

Here you see how a box with a 4 pixel #65C748 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #65C748; -webkit-box-shadow:4px 4px  
4px 4px #65C748; box-shadow:4px 4px 4px  
4px #65C748 }
```

Background

The CSS property to change the background color of an element to Hex 65C748 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#65C748 }
```

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

```
.background{ background-color:#65C748 }
```

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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