

Converting Colors

Hex(65C058)

Have a look what the booklet for
Hex(65C058) contains.

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Color

Hex(65C058)

Conversions

Conversions Part 1

Format	Color
Hex	65C058
RGB	101, 192, 88
RGB Percent	40%, 75%, 35%
CMY	0.6039, 0.2471, 0.6549
CMYK	0.47, 0.00, 0.54, 0.25
HSL	112°, 45%, 55%
HSV	112°, 54%, 75%
XYZ	25.9779, 41.1706, 15.8101
YIQ	152.9350, -20.8520, -51.6360

Conversions

Conversions Part 2

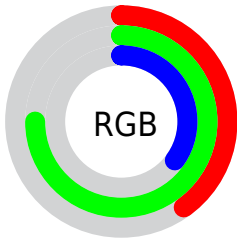
Format	Color
RYB	88, 192, 179
Decimal	6668376
CIELab	70.30, -47.48, 43.66
CIELCh	70, 64.505, 137.397
Yxy	41.1706, 0.3131, 0.4963
Android (android.graphics.Color)	4284858456 (0xFF65C058)
YUV	152.9350, -32.0130, -45.5470
Hunter-Lab	64.1643, -40.0190, 30.3060

Details

The Hex color **65C058** is a dark color, and the websafe version is hex **66CC66**. The color can be described as dark muted chartreuse. A complement of this color would be **B358C0**, and the grayscale version is **999999**.

A 20% lighter version of the original color is **9DF98C**, and **298A25** is the 20% darker color. If you saturate the color by 10%, you get **54C045**, and if you desaturate by 10%, it is **76C06B**.

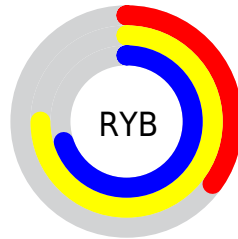
Distribution



Red (40%)

Green (75%)

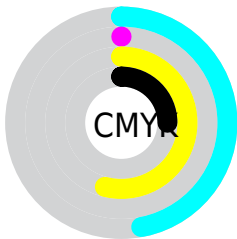
Blue (35%)



Red (35%)

Yellow (75%)

Blue (70%)

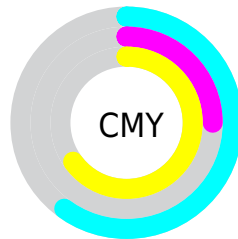


Cyan (47%)

Magenta (0%)

Yellow (54%)

Black (25%)



Cyan (60%)

Magenta (25%)

Yellow (65%)

Brightness & Saturation Gradients

These gradients show how the Hex color 65C058 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 65C058 by changing the saturation by 10% instead.

 65C058

 65C058

FFFFFF

 48A43F

 9DF98C

 298A25

 BAFFA8

 006F06

 D7FFC3

 005600

 F5FFE0

 003E00

FFFFFFD

 002900

 000200

 000000

 65C058

 65C058

 54C045

 76C06B

 43C032

 87C07E

 33C01E

 97C092

 22C00B

 A8C0A5

 18C000

 B9C0B8

 CAC0CB

 DBC0DE

 EBC0F2

 FCC0FF

Harmonies

Analogous

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



AAB330



65C058



00C790

Triad

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



65C058



00BAFF



FF778C

Complementary

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



65C058



B358C0

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.



FF79C7



65C058



7FA6FF

Square

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



65C058



00C4FF



DA8EFC



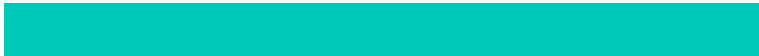
FF8957

Rectangle

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



65C058



00C8B9



DA8EFC



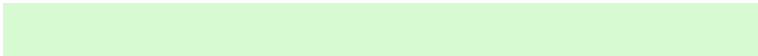
FF75A0

Sweetspot

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



65C058



D7FAD2



C0B258



687D65



FCFCFC



7D7D7D

Same Dimension

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



65C058



6CFA57



58C07E



586157



14A100



042100

Inverse Universe

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



B358C0



E657FA



C0589A



605761



8D00A1



1D0021

Previews

White Background



This preview shows how the Hex color 65C058 looks on a white background.

Color Contrast Check

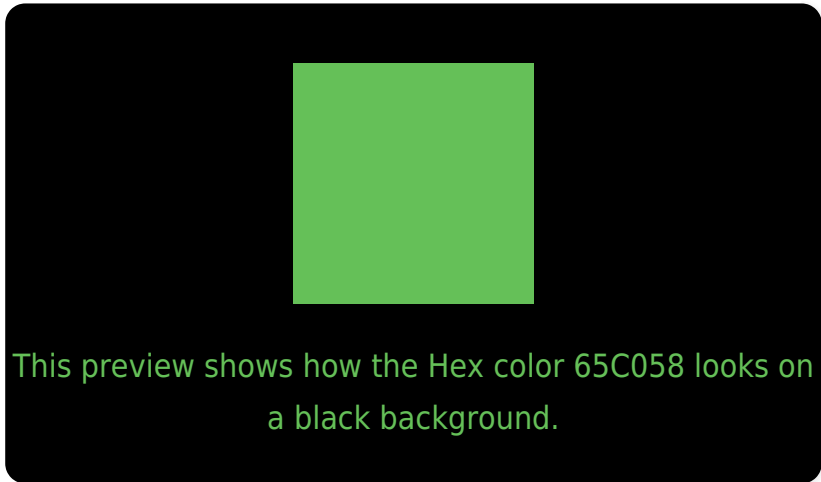
Large Text (above 18pt) WCAG AA × Fail

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

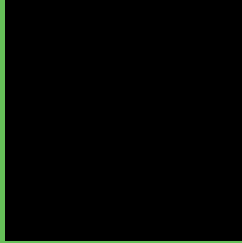
Any Text WCAG AA ✓ Pass

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 65C058 Background



This preview shows how black text looks on a background with the Hex color 65C058.

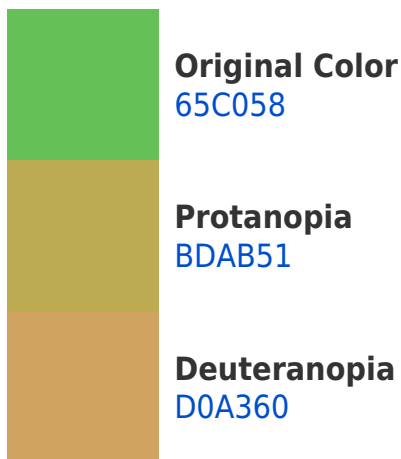


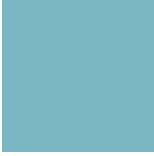
This preview shows how white text looks on a background with the Hex color 65C058.

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
7AB5C3

Trichromacy



Original Color
65C058



Protanomaly
9DB354



Deuteranomaly
A9AE5D



Tritanomaly
72B99C

Monochromacy



Original Color
65C058



Achromatopsia
999999



Achromatomaly
86A781

CSS Examples

Text

The CSS property to change the color of the text to Hex 65C058 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 #65C058 looks like.

```
.text, #text, p{  
    color:#65C058  
}
```

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 #65C058 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #65C058
}
```

Border

The CSS property to change the border of an element to Hex 65C058 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
#65C058 }
```

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

```
.border{ border-color:#65C058 }
```

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

Here you see how a box with a 4 pixel #65C058 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #65C058; -webkit-box-shadow:4px 4px  
4px 4px #65C058; box-shadow:4px 4px 4px  
4px #65C058 }
```

Background

The CSS property to change the background color of an element to Hex 65C058 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#65C058 }
```

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

```
.background{ background-color:#65C058 }
```

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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