

Converting Colors

Hex(61C400)

Have a look what the booklet for
Hex(61C400) contains.

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Color

Hex(61C400)

Conversions

Conversions Part 1

Format	Color
Hex	61C400
RGB	97, 196, 0
RGB Percent	38%, 77%, 0%
CMY	0.6196, 0.2314, 1.0000
CMYK	0.51, 0.00, 1.00, 0.23
HSL	90°, 100%, 38%
HSV	90°, 100%, 77%
XYZ	24.6697, 42.0212, 6.8107
YIQ	144.0550, 3.9120, -81.9440

Conversions

Conversions Part 2

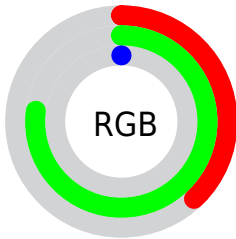
Format	Color
RYB	0, 196, 99
Decimal	6407168
CIELab	70.89, -55.56, 70.41
CIELCh	71, 89.695, 128.279
Yxy	42.0212, 0.3356, 0.5717
Android (android.graphics.Color)	4284597248 (0xFF61C400)
YUV	144.0550, -71.0191, -41.2672
Hunter-Lab	64.8238, -45.5107, 39.1474

Details

The Hex color **61C400** is a dark color, and the websafe version is hex **66CC00**. The color can be described as dark washed chartreuse. A complement of this color would be **6300C4**, and the grayscale version is **919191**.

A 20% lighter version of the original color is **9DFD50**, and **198D00** is the 20% darker color. If you saturate the color by 10%, you get **61C400**, and if you desaturate by 10%, it is **6BC414**.

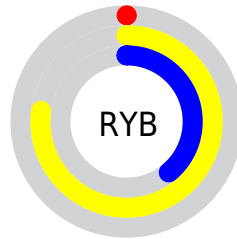
Distribution



Red (38%)

Green (77%)

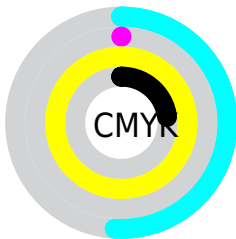
Blue (0%)



Red (0%)

Yellow (77%)

Blue (39%)

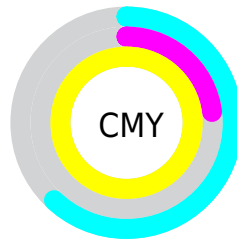


Cyan (51%)

Magenta (0%)

Yellow (100%)

Black (23%)



Cyan (62%)


Magenta (23%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the Hex color 61C400 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 61C400 by changing the saturation by 10% instead.

 61C400

 61C400

FFFFFF

 41A800

 9DFD50

 198D00

 BAFF6D

 007300

 D8FF8A

 005900

 F7FFA6

 004100

 FFFFC3

 002A00

 FFFFEO

 000600

FFFFFFE

 000000

 61C400

 6BC414

 75C427

 7FC43B

 89C44E

 93C462

 9CC476

 A6C489

 B0C49D

 BAC4B0

Harmonies

Analogous

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



BCB100



61C400



00CE6D

Triad

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



61C400



00C6FF



FF4B9A

Complementary

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



61C400



6300C4

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.



FF60EC



61C400



00B0FF

Square

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



61C400



00D0FF



CA8CFF



FF6A4C

Rectangle

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



61C400



00D1A6



CA8CFF



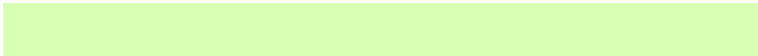
FF4CB6

Sweetspot

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



61C400



D8FFB3



C46200



688052



000000



808080

Same Dimension

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



61C400



7EFF00



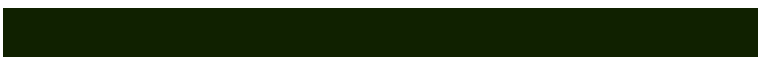
00C400



5C6157



50A100



102100

Inverse Universe

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



6300C4



8100FF



C400C4



5C5761



5100A1



110021

Previews

White Background



This preview shows how the Hex color 61C400 looks on a white background.

Color Contrast Check

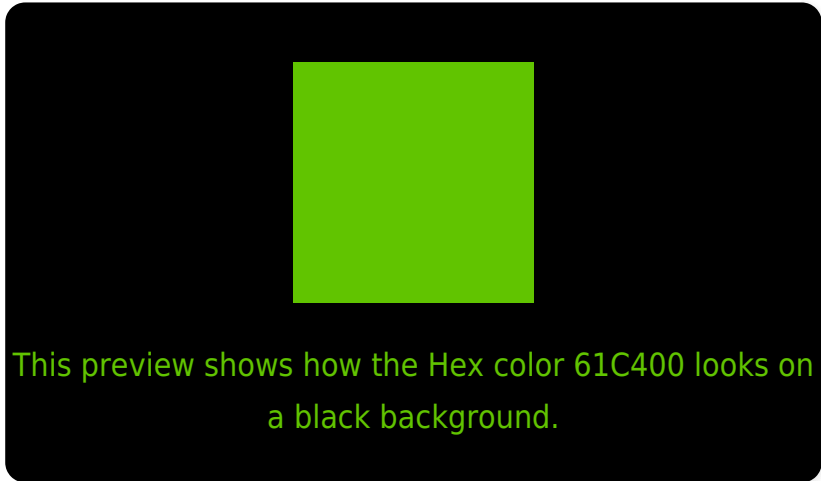
Large Text (above 18pt) WCAG AA × Fail

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 61C400 Background



This preview shows how black text looks on a background with the Hex color 61C400.

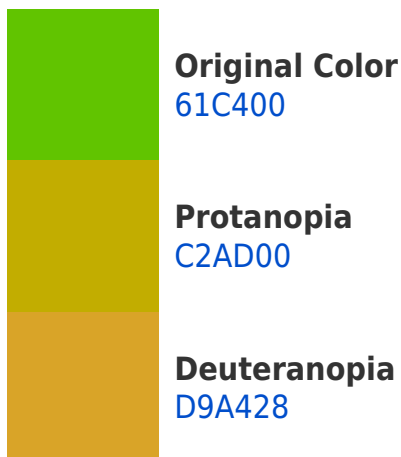


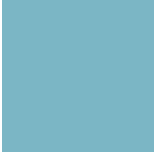
This preview shows how white text looks on a background with the Hex color 61C400.

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
7BB6C5

Trichromacy



Original Color
61C400



Protanomaly
9FB500



Deuteranomaly
ADB019



Tritanomaly
72BB7D

Monochromacy



Original Color
61C400



Achromatopsia
909090



Achromatomaly
7FA35C

CSS Examples

Text

The CSS property to change the color of the text to Hex 61C400 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 #61C400 looks like.

```
.text, #text, p{  
    color:#61C400  
}
```

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 #61C400 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #61C400
}
```

Border

The CSS property to change the border of an element to Hex 61C400 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
#61C400 }
```

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

```
.border{ border-color:#61C400 }
```

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

Here you see how a box with a 4 pixel #61C400 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #61C400; -webkit-box-shadow:4px 4px  
4px 4px #61C400; box-shadow:4px 4px 4px  
4px #61C400 }
```

Background

The CSS property to change the background color of an element to Hex 61C400 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#61C400 }
```

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

```
.background{ background-color:#61C400 }
```

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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