

Converting Colors

Hex(61C028)

Have a look what the booklet for
Hex(61C028) contains.

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Color

Hex(61C028)

Conversions

Conversions Part 1

Format	Color
Hex	61C028
RGB	97, 192, 40
RGB Percent	38%, 75%, 16%
CMY	0.6196, 0.2471, 0.8431
CMYK	0.49, 0.00, 0.79, 0.25
HSL	98°, 66%, 45%
HSV	98°, 79%, 75%
XYZ	24.1624, 40.3939, 8.5308
YIQ	146.2670, -7.8280, -67.4120

Conversions

Conversions Part 2

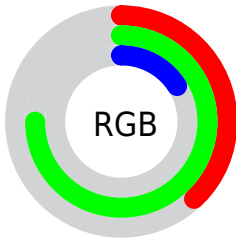
Format	Color
RYB	40, 192, 135
Decimal	6406184
CIELab	69.75, -52.87, 62.26
CIELCh	70, 81.680, 130.335
Yxy	40.3939, 0.3306, 0.5527
Android (android.graphics.Color)	4284596264 (0xFF61C028)
YUV	146.2670, -52.3896, -43.2072
Hunter-Lab	63.5562, -43.3622, 36.5312

Details

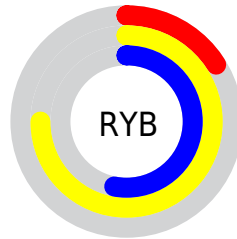
The Hex color **61C028** is a dark color, and the websafe version is hex **66CC33**. The color can be described as dark muted chartreuse. A complement of this color would be **8728C0**, and the grayscale version is **939393**.

A 20% lighter version of the original color is **9BF962**, and **1E8900** is the 20% darker color. If you saturate the color by 10%, you get **55C015**, and if you desaturate by 10%, it is **6DC03B**.

Distribution



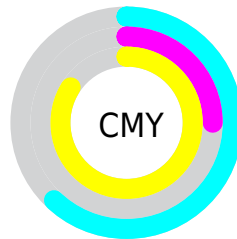
- Red (38%)
- Green (75%)
- Blue (16%)



- Red (16%)
- Yellow (75%)
- Blue (53%)



- Cyan (49%)
- Magenta (0%)
- Yellow (79%)
- Black (25%)



- Cyan (62%)
- Magenta (25%)
- Yellow (84%)

Brightness & Saturation Gradients

These gradients show how the Hex color 61C028 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 61C028 by changing the saturation by 10% instead.

 61C028

 61C028

FFFFFF

 42A400

 9BF962

 1E8900

 B9FF7E

 006F00

 D6FF99

 005600

 F4FFB6

 003D00

 FFFFD2

 002700

 FFFFF0

 000000

 61C028

 61C028

 55C015

 6DC03B

 49C002

 79C04E

 48C000

 85C062

 91C075

 9DC088

 A9C09B

 B5C0AE

 C1C0C2

 CDC0D5

Harmonies

Analogous

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



B5AF00



61C028



00C975

Triad

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



61C028



00C0FF



FF5994

Complementary

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



61C028



8728C0

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.



FF66DE



61C028



00ABFF

Square

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



61C028



00CAFF



CD8AFF



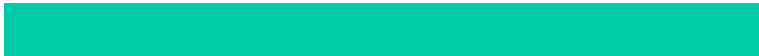
FF724D

Rectangle

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



61C028



00CBA9



CD8AFF



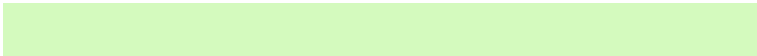
FF58AD

Sweetspot

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



61C028



D4FABE



C08628



667D59



FCFCFC



7D7D7D

Same Dimension

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



61C028



66FA0C



28C03A



5B6157



3CA100



0C2100

Inverse Universe

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



8728C0



A10CFA



C028AE



5D5761



6400A1



150021

Previews

White Background



This preview shows how the Hex color 61C028 looks on a white background.

Color Contrast Check

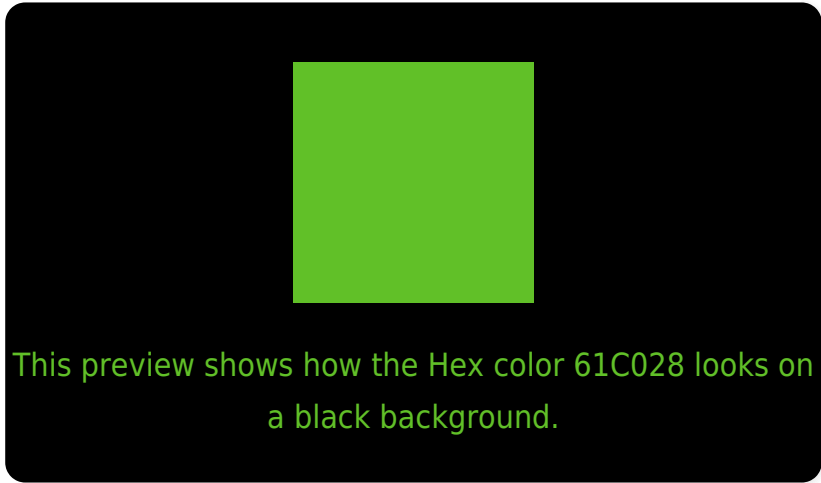
Large Text (above 18pt) WCAG AA × Fail

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 61C028 Background



This preview shows how black text looks on a background with the Hex color 61C028.

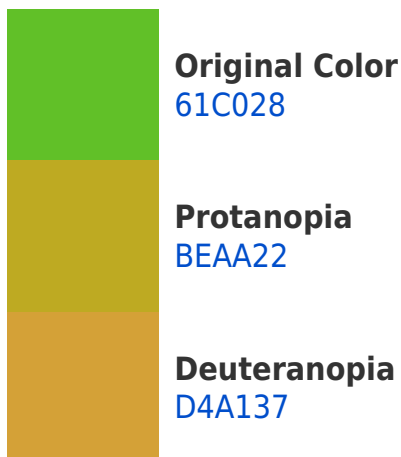


This preview shows how white text looks on a background with the Hex color 61C028.

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](#).

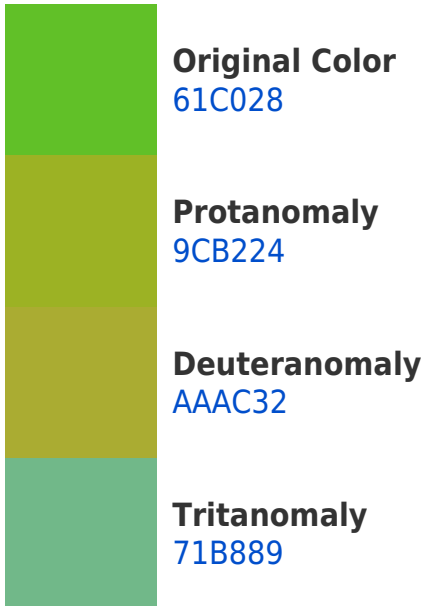
Dichromacy



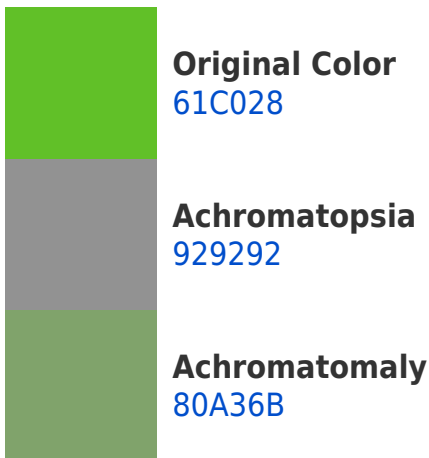


Tritanopia
7AB3C1

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 61C028 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 #61C028 looks like.

```
.text, #text, p{  
    color:#61C028  
}
```

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 #61C028 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #61C028
}
```

Border

The CSS property to change the border of an element to Hex 61C028 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
#61C028 }
```

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

```
.border{ border-color:#61C028 }
```

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

Here you see how a box with a 4 pixel #61C028 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #61C028; -webkit-box-shadow:4px 4px  
4px 4px #61C028; box-shadow:4px 4px 4px  
4px #61C028 }
```

Background

The CSS property to change the background color of an element to Hex 61C028 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#61C028 }
```

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

```
.background{ background-color:#61C028 }
```

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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