

# Converting Colors

Hex(61D64A)

Have a look what the booklet for  
Hex(61D64A) contains.

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**Color**

**Hex(61D64A)**

# Conversions

## Conversions Part 1

Format	Color
Hex	61D64A
RGB	97, 214, 74
RGB Percent	38%, 84%, 29%
CMY	0.6196, 0.1608, 0.7098
CMYK	0.55, 0.00, 0.65, 0.16
HSL	110°, 63%, 56%
HSV	110°, 65%, 84%
XYZ	30.2124, 51.1289, 14.7551
YIQ	163.0570, -24.7920, -68.3440

# Conversions

## Conversions Part 2

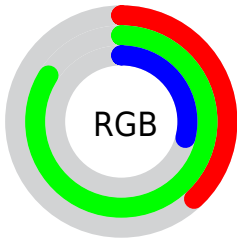
Format	Color
<a href="#">RYB</a>	<a href="#">74, 214, 191</a>
Decimal	<a href="#">6411850</a>
CIELab	<a href="#">76.76, -58.58, 57.20</a>
CIELCh	<a href="#">77, 81.874, 135.685</a>
Yxy	<a href="#">51.1289, 0.3144, 0.5321</a>
Android (android.graphics.Color)	<a href="#">4284601930 (0xFF61D64A)</a>
YUV	<a href="#">163.0570, -43.9051, -57.9320</a>
Hunter-Lab	<a href="#">71.5045, -49.7123, 37.8186</a>

# Details

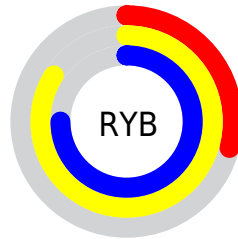
The Hex color **61D64A** is a dark color, and the websafe version is hex **66CC33**. The color can be described as dark muted chartreuse. A complement of this color would be **BF4AD6**, and the grayscale version is **A4A4A4**.

A 20% lighter version of the original color is **9DFF80**, and **169E08** is the 20% darker color. If you saturate the color by 10%, you get **4FD635**, and if you desaturate by 10%, it is **73D65F**.

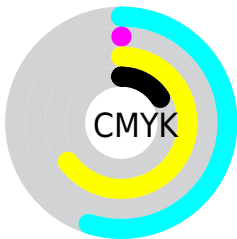
# Distribution



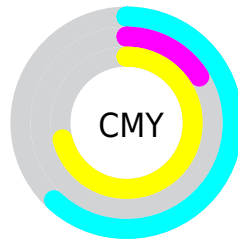
- Red (38%)
- Green (84%)
- Blue (29%)



- Red (29%)
- Yellow (84%)
- Blue (75%)



- Cyan (55%)
- Magenta (0%)
- Yellow (65%)
- Black (16%)



- Cyan (62%)
- Magenta (16%)
- Yellow (71%)


# Brightness & Saturation Gradients

These gradients show how the Hex color 61D64A 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 61D64A by changing the saturation by 10% instead.



 61D64A

 61D64A

FFFFFF

 41BA2E

 9DFF80

 169E08

 BBFF9C

 008300

 D9FFB8

 006900

 F7FFD5

 005000

 FFFFF2

 003800

 001F00

 000000

 61D64A

 61D64A

 4FD635

 73D65F

 3DD61F

 85D675

 2BD60A

 97D68A

 23D600

 A9D6A0

 BAD6B5

 CCD6CA

 DED6E0

 F0D6F5

 FFD6FF

# Harmonies

## Analogous

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



BCC600



61D64A



00DE95

# Triad

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



61D64A



00D0FF



FF7199

# Complementary

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



61D64A



BF4AD6

# 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.



FF76E5



61D64A



69B9FF

# Square

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



61D64A



00DDFF



F397FF



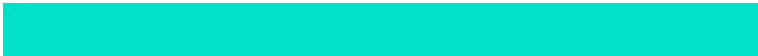
FF8C53

# Rectangle

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



61D64A



00E0CA



F397FF



FF6FB2

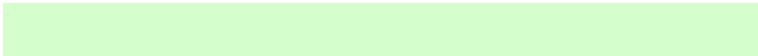


# Sweetspot

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



61D64A



D4FFCC



D6BF4A



668061



000000



808080



# Same Dimension

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



61D64A



57FF36



4AD679



626B60



1CAB00



072B00



# Inverse Universe

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



BF4AD6



DE36FF



D64AA7



69606B



8F00AB



24002B



# Previews

## White Background



This preview shows how the Hex color 61D64A looks on a white background.

## Color Contrast Check

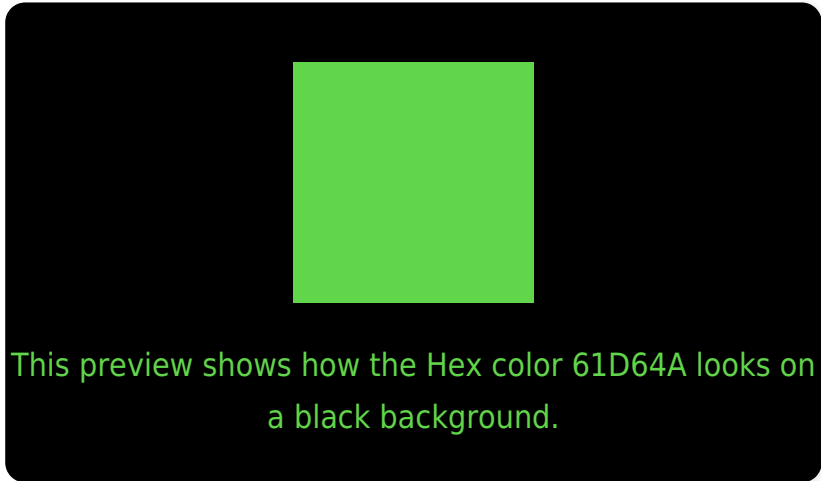
Large Text (above 18pt) WCAG AA × Fail

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

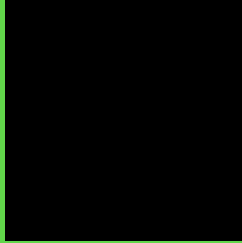
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

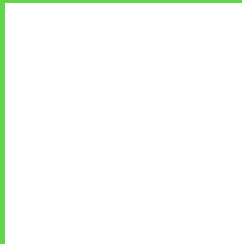
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 61D64A Background



This preview shows how black text looks on a background with the Hex color 61D64A.

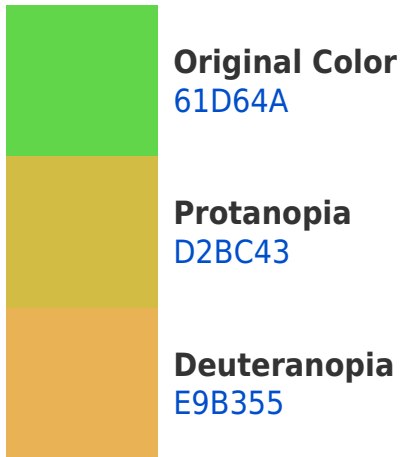


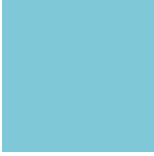
This preview shows how white text looks on a background with the Hex color 61D64A.

# 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](#).

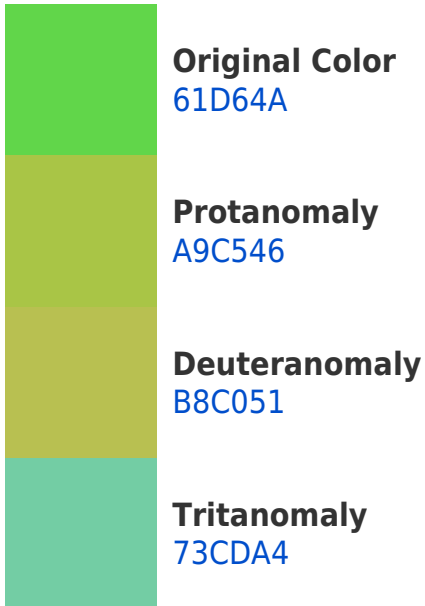
## Dichromacy



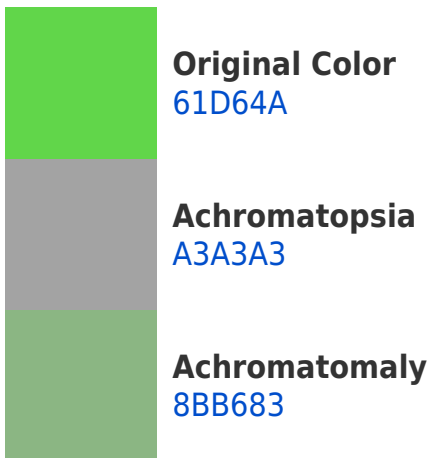


**Tritanopia**  
7EC8D8

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 61D64A 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 #61D64A looks like.

```
.text, #text, p{  
    color:#61D64A  
}
```

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 #61D64A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #61D64A
}
```

## Border

The CSS property to change the border of an element to Hex 61D64A 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
#61D64A }
```

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

```
.border{ border-color:#61D64A }
```

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

Here you see how a box with a 4 pixel #61D64A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #61D64A; -webkit-box-shadow:4px 4px  
4px 4px #61D64A; box-shadow:4px 4px 4px  
4px #61D64A }
```

# Background

The CSS property to change the background color of an element to Hex 61D64A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#61D64A }
```

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

```
.background{ background-color:#61D64A }
```

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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