

Converting Colors

Hex(62A64E)

Have a look what the booklet for
Hex(62A64E) contains.

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Color

Hex(62A64E)

Conversions

Conversions Part 1

Format	Color
Hex	62A64E
RGB	98, 166, 78
RGB Percent	38%, 65%, 31%
CMY	0.6157, 0.3490, 0.6941
CMYK	0.41, 0.00, 0.53, 0.35
HSL	106°, 36%, 48%
HSV	106°, 53%, 65%
XYZ	20.0484, 30.4192, 12.0226
YIQ	135.6360, -12.2800, -41.7840

Conversions

Conversions Part 2

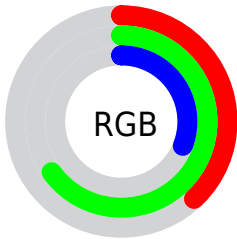
Format	Color
RYB	78, 166, 146
Decimal	6465102
CIELab	62.01, -38.63, 38.56
CIELCh	62, 54.583, 135.056
Yxy	30.4192, 0.3208, 0.4868
Android (android.graphics.Color)	4284655182 (0xFF62A64E)
YUV	135.6360, -28.4145, -33.0068
Hunter-Lab	55.1536, -31.6339, 25.6833

Details

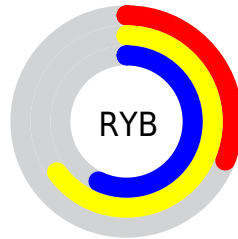
The Hex color **62A64E** is a dark color, and the websafe version is hex **669933**. A complement of this color would be **924EA6**, and the grayscale version is **888888**.

A 20% lighter version of the original color is **98DE81**, and **2C711C** is the 20% darker color. If you saturate the color by 10%, you get **55A63D**, and if you desaturate by 10%, it is **6FA65F**.

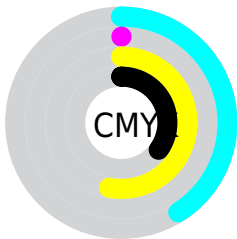
Distribution



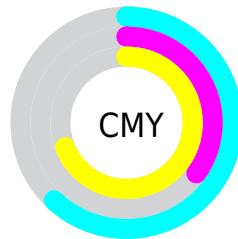
- Red (38%)
- Green (65%)
- Blue (31%)



- Red (31%)
- Yellow (65%)
- Blue (57%)



- Cyan (41%)
- Magenta (0%)
- Yellow (53%)
- Black (35%)



- Cyan (62%)
- Magenta (35%)
- Yellow (69%)

Brightness & Saturation Gradients

These gradients show how the Hex color 62A64E 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 62A64E by changing the saturation by 10% instead.



62A64E



62A64E

FFFFFF



478B35



98DE81



2C711C



B4FA9C



095800



D1FFB7



004000



EEFFD3



002A00



FFFFFF0



000D00



000000



62A64E



62A64E



55A63D



6FA65F

 48A62D

 7CA66F

 3CA61C

 88A680

 2FA60C

 95A690

 26A600

 A2A6A1

 AFA6B2

 BCA6C2

 C9A6D3

 D5A6E3

Harmonies

Analogous

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



999B31



62A64E



00AC7B

Triad

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



62A64E



00A2F3



EF6B7F

Complementary

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



62A64E



924EA6

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.



E26EB0



62A64E



6B93F3

Square

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



62A64E



00ABD9



B87FDB



E37853

Rectangle

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



62A64E



00AE9D



B87FDB



EE6A90

Sweetspot

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



62A64E



BED9B6



A6914E



5E6E59



EDEDED



6E6E6E

Same Dimension

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



62A64E



6ED94E



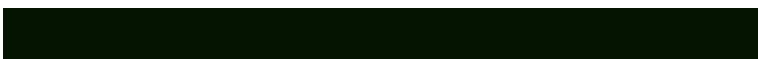
4EA665



4E544C



229400



051400

Inverse Universe

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



924EA6



B94ED9



A64E8F



524C54



720094



100014

Previews

White Background



This preview shows how the Hex color 62A64E looks on a white background.

Color Contrast Check

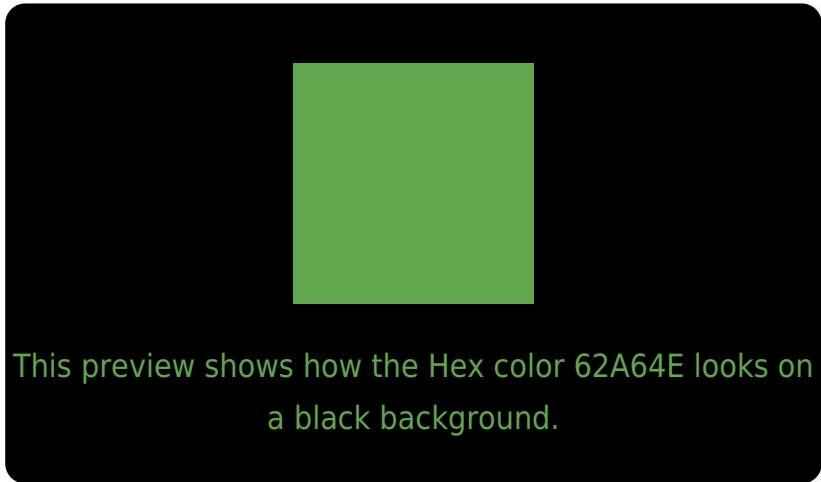
Large Text (above 18pt) WCAG AA × Fail

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 62A64E Background



This preview shows how black text looks on a background with the Hex color 62A64E.



This preview shows how white text looks on a background with the Hex color 62A64E.

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](#).

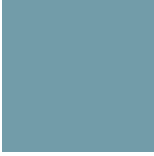
Dichromacy



Original Color
62A64E

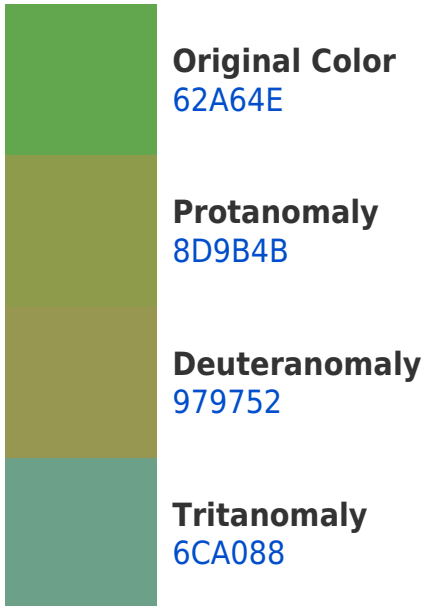
Protanopia
A59549

Deuteranopia
B68E54

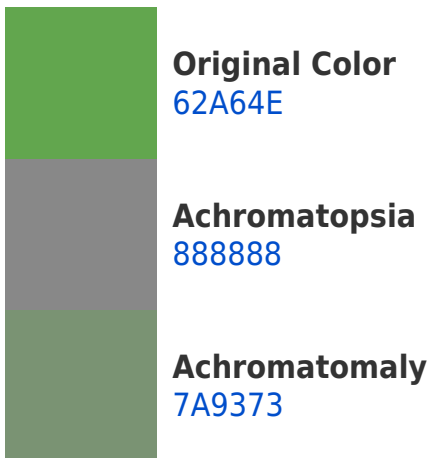


Tritanopia
729CA9

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 62A64E 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 #62A64E looks like.

```
.text, #text, p{  
    color:#62A64E  
}
```

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 #62A64E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #62A64E
}
```

Border

The CSS property to change the border of an element to Hex 62A64E 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
#62A64E }
```

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

```
.border{ border-color:#62A64E }
```

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

Here you see how a box with a 4 pixel #62A64E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #62A64E; -webkit-box-shadow:4px 4px  
4px 4px #62A64E; box-shadow:4px 4px 4px  
4px #62A64E }
```

Background

The CSS property to change the background color of an element to Hex 62A64E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#62A64E }
```

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

```
.background{ background-color:#62A64E }
```

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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