

Converting Colors

Hex(62ED6A)

Have a look what the booklet for
Hex(62ED6A) contains.

Hex(62ED6A)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(62ED6A)

Conversions

Conversions Part 1

Format	Color
Hex	62ED6A
RGB	98, 237, 106
RGB Percent	38%, 93%, 42%
CMY	0.6157, 0.0706, 0.5843
CMYK	0.59, 0.00, 0.55, 0.07
HSL	123°, 79%, 66%
HSV	123°, 59%, 93%
XYZ	37.9227, 64.2057, 24.0299
YIQ	180.5050, -40.7930, -70.2090

Conversions

Conversions Part 2

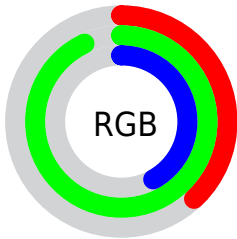
Format	Color
RYB	98, 229, 237
Decimal	6483306
CIELab	84.07, -63.26, 51.68
CIElCh	84, 81.680, 140.753
Yxy	64.2057, 0.3006, 0.5089
Android (android.graphics.Color)	4284673386 (0xFF62ED6A)
YUV	180.5050, -36.7310, -72.3569
Hunter-Lab	80.1284, -55.7453, 38.3093

Details

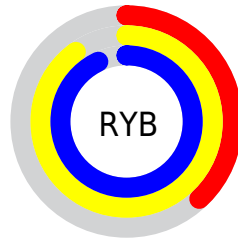
The Hex color **62ED6A** is a dark color, and the websafe version is hex **66FF66**. A complement of this color would be **ED62E5**, and the grayscale version is **B5B5B5**.

A 20% lighter version of the original color is **A0FFA0**, and **08B435** is the 20% darker color. If you saturate the color by 10%, you get **4AED54**, and if you desaturate by 10%, it is **7AED80**.

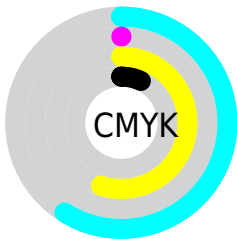
Distribution



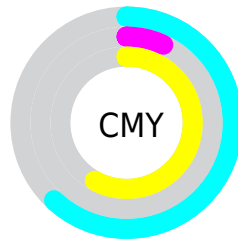
- Red (38%)
- Green (93%)
- Blue (42%)



- Red (38%)
- Yellow (90%)
- Blue (93%)



- Cyan (59%)
- Magenta (0%)
- Yellow (55%)
- Black (7%)



- Cyan (62%)
- Magenta (7%)
- Yellow (58%)

Brightness & Saturation Gradients

These gradients show how the Hex color 62ED6A 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 62ED6A by changing the saturation by 10% instead.

 62ED6A

 62ED6A


FFFFFF

 40D04F

 A0FFA0

 08B435

 BEFFBC

 009817

 DDFFD9

 007D00

 FBFFF6

 006300

 004A00

 003300

 001700

 000000

 62ED6A

 62ED6A

 4AED54

 7AED80

 33ED3D

 91ED97

 1BED27

 A9EDAD

 03ED11

 C1EDC3

 00ED0E

 D8EDDA

 F0EDF0

 FFEDFF

Harmonies

Analogous

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



C5DE2B



62ED6A



00F5B6

Triad

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



62ED6A



00E2FF



FF8BA0

Complementary

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



62ED6A



ED62E5

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.



FF89ED



62ED6A



A4C7FF

Square

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



62ED6A



00F0FF



FFA5FF



FFA65B

Rectangle

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



62ED6A



00F6EC



FFA5FF



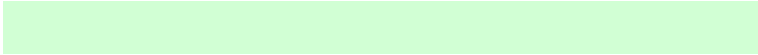
FF86B9

Sweetspot

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



62ED6A



D1FFD4



E6ED62



638065



000000



808080

Same Dimension

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



62ED6A



4DFF57



62EDAE



6A756A



00B50A



003603

Inverse Universe

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



ED62E5



FF4DF5



ED62A1



756A75



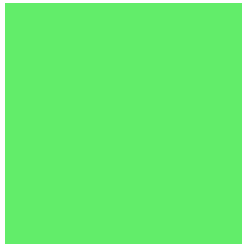
B500AB



360032

Previews

White Background



This preview shows how the Hex color 62ED6A 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



This preview shows how the Hex color 62ED6A looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

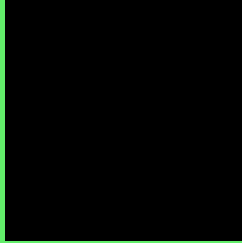
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

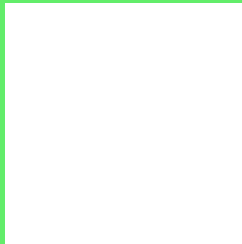
Any Text WCAG AAA ✓ Pass

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

Hex 62ED6A Background



This preview shows how black text looks on a background with the Hex color 62ED6A.

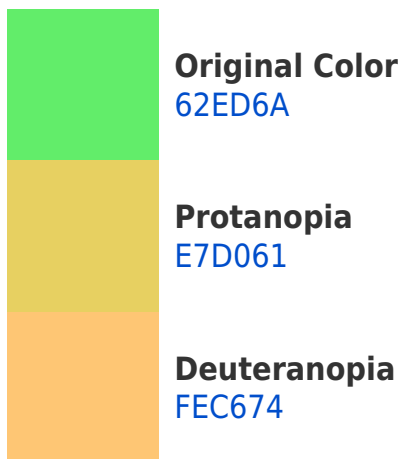


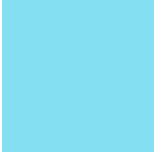
This preview shows how white text looks on a background with the Hex color 62ED6A.

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



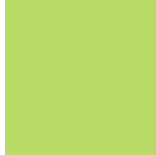


Tritanopia
83DFF1

Trichromacy



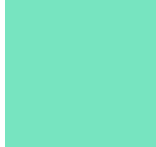
Original Color
62ED6A



Protanomaly
B7DB64



Deuteranomaly
C5D470



Tritanomaly
77E4C0

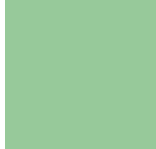
Monochromacy



Original Color
62ED6A



Achromatopsia
B5B5B5



Achromatomaly
97C99A

CSS Examples

Text

The CSS property to change the color of the text to Hex 62ED6A 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 #62ED6A looks like.

```
.text, #text, p{  
    color:#62ED6A  
}
```

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 #62ED6A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #62ED6A
}
```

Border

The CSS property to change the border of an element to Hex 62ED6A 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
#62ED6A }
```

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

```
.border{ border-color:#62ED6A }
```

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

Here you see how a box with a 4 pixel #62ED6A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #62ED6A; -webkit-box-shadow:4px 4px  
4px 4px #62ED6A; box-shadow:4px 4px 4px  
4px #62ED6A }
```

Background

The CSS property to change the background color of an element to Hex 62ED6A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#62ED6A }
```

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

```
.background{ background-color:#62ED6A }
```

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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