

Converting Colors

Hex(62F174)

Have a look what the booklet for
Hex(62F174) contains.

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Color

Hex(62F174)

Conversions

Conversions Part 1

Format	Color
Hex	62F174
RGB	98, 241, 116
RGB Percent	38%, 95%, 45%
CMY	0.6157, 0.0549, 0.5451
CMYK	0.59, 0.00, 0.52, 0.05
HSL	128°, 84%, 66%
HSV	128°, 59%, 95%
XYZ	39.6447, 66.7682, 27.3211
YIQ	183.9930, -45.1030, -69.1910

Conversions

Conversions Part 2

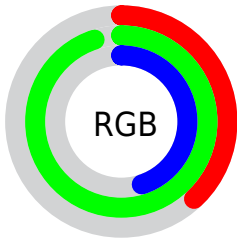
Format	Color
RYB	98, 225, 241
Decimal	6484340
CIELab	85.39, -63.43, 48.66
CIELCh	85, 79.944, 142.508
Yxy	66.7682, 0.2964, 0.4993
Android (android.graphics.Color)	4284674420 (0xFF62F174)
YUV	183.9930, -33.5205, -75.4159
Hunter-Lab	81.7118, -56.3916, 37.3741

Details

The Hex color **62F174** is a light color, and the websafe version is hex **66FF99**. A complement of this color would be **F162DF**, and the grayscale version is **B8B8B8**.

A 20% lighter version of the original color is **A0FFAA**, and **05B83F** is the 20% darker color. If you saturate the color by 10%, you get **4AF15F**, and if you desaturate by 10%, it is **7AF189**.

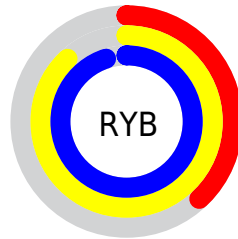
Distribution



Red (38%)

Green (95%)

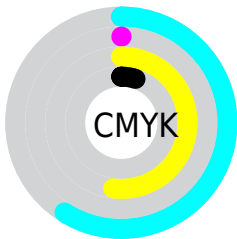
Blue (45%)



Red (38%)

Yellow (88%)

Blue (95%)

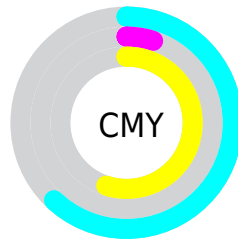


Cyan (59%)

Magenta (0%)

Yellow (52%)

Black (5%)



Cyan (62%)

Magenta (5%)

Yellow (55%)

Brightness & Saturation Gradients

These gradients show how the Hex color 62F174 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 62F174 by changing the saturation by 10% instead.

 62F174

FFFFFF

 A0FFAA

 BFFFC6

 DDFFE3

 FCFFFF

 62F174

 3FD45A

 05B83F

 009C24

 008100

 006700

 004D00

 003600

 001B00

 000000

 62F174

 62F174

 4AF15F

 7AF189

 32F14A

 92F19E

 1AF135

 AAF1B3

 02F120

 C2F1C8

 00F11E

 DAF1DD

 F3F1F2

 FFF1FF

Harmonies

Analogous

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



C5E238



62F174



00F8BF

Triad

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



62F174



00E4FF



FF92A0

Complementary

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



62F174



F162DF

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.



FF8FEC



62F174



B3C9FF

Square

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



62F174



00F3FF



FFA8FF



FFAD5E

Rectangle

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



62F174



00FAF4



FFA8FF



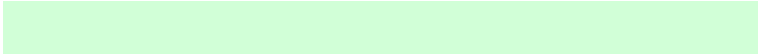
FF8DB9

Sweetspot

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



62F174



D1FFD7



E0F162



638067



000000



808080

Same Dimension

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



62F174



4AFF61



62F1BA



6C786D



00B817



003807

Inverse Universe

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



F162DF



FF4AE8



F16299



786C76



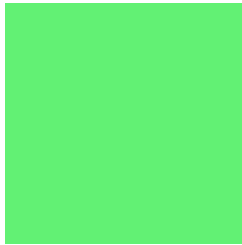
B800A0



380031

Previews

White Background



This preview shows how the Hex color 62F174 looks on a white background.

Color Contrast Check

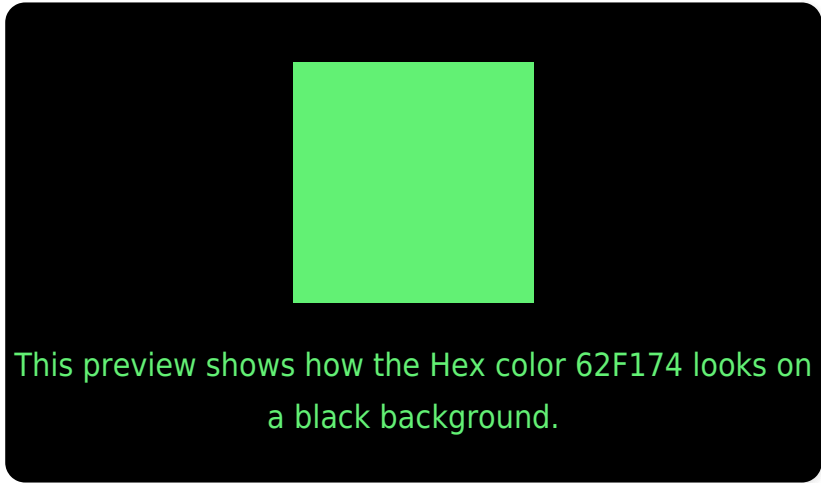
Large Text (above 18pt) WCAG AA × Fail

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

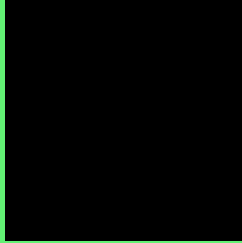
Any Text WCAG AA ✓ Pass

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 62F174 Background



This preview shows how black text looks on a background with the Hex color 62F174.

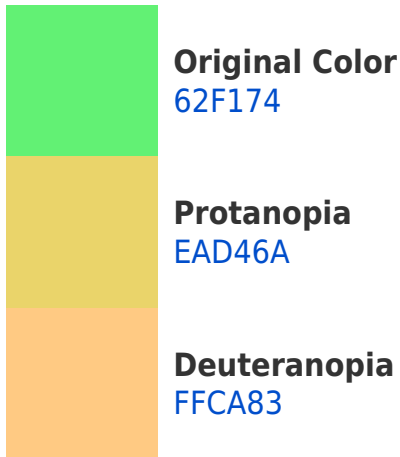


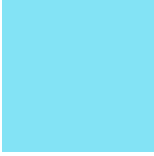
This preview shows how white text looks on a background with the Hex color 62F174.

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



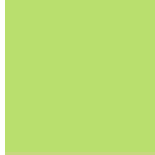


Tritanopia
83E3F5

Trichromacy



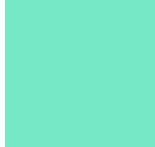
Original Color
62F174



Protanomaly
B9DF6E



Deuteranomaly
C6D87E



Tritanomaly
77E8C6

Monochromacy



Original Color
62F174



Achromatopsia
B8B8B8



Achromatomaly
99CD9F

CSS Examples

Text

The CSS property to change the color of the text to Hex 62F174 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 #62F174 looks like.

```
.text, #text, p{  
    color:#62F174  
}
```

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 #62F174 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #62F174
}
```

Border

The CSS property to change the border of an element to Hex 62F174 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
#62F174 }
```

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

```
.border{ border-color:#62F174 }
```

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

Here you see how a box with a 4 pixel #62F174 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #62F174; -webkit-box-shadow:4px 4px  
4px 4px #62F174; box-shadow:4px 4px 4px  
4px #62F174 }
```

Background

The CSS property to change the background color of an element to Hex 62F174 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#62F174 }
```

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

```
.background{ background-color:#62F174 }
```

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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