

Converting Colors

Hex(6BA574)

Have a look what the booklet for
Hex(6BA574) contains.

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Color

Hex(6BA574)

Conversions

Conversions Part 1

Format	Color
Hex	6BA574
RGB	107, 165, 116
RGB Percent	42%, 65%, 45%
CMY	0.5804, 0.3529, 0.5451
CMYK	0.35, 0.00, 0.30, 0.35
HSL	129°, 24%, 53%
HSV	129°, 35%, 65%
XYZ	22.6709, 31.2970, 21.3690
YIQ	142.0720, -18.8390, -27.5350

Conversions

Conversions Part 2

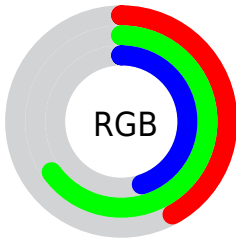
Format	Color
RYB	107, 157, 165
Decimal	7054708
CIELab	62.76, -29.39, 19.56
CIElCh	63, 35.303, 146.349
Yxy	31.2970, 0.3009, 0.4154
Android (android.graphics.Color)	4285244788 (0xFF6BA574)
YUV	142.0720, -12.8535, -30.7581
Hunter-Lab	55.9437, -25.5653, 16.5134

Details

The Hex color **6BA574** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **A56B9C**, and the grayscale version is **8E8E8E**.

A 20% lighter version of the original color is **A0DCA8**, and **387143** is the 20% darker color. If you saturate the color by 10%, you get **5AA566**, and if you desaturate by 10%, it is **7BA582**.

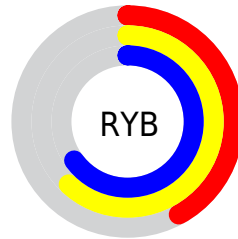
Distribution



Red (42%)

Green (65%)

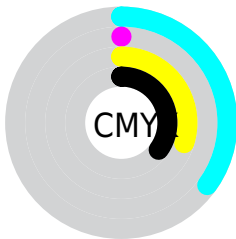
Blue (45%)



Red (42%)

Yellow (62%)

Blue (65%)

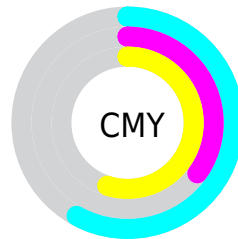


Cyan (35%)

Magenta (0%)

Yellow (30%)

Black (35%)



Cyan (58%)

Magenta (35%)

Yellow (55%)

Brightness & Saturation Gradients

These gradients show how the Hex color 6BA574 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 6BA574 by changing the saturation by 10% instead.



6BA574



6BA574

FFFFFF



518A5B



A0DCA8



387143



BCF9C4



1E582D



D8FFE0



004017



F5FFFC



002900



001100



000000



6BA574



6BA574



5AA566



7BA582

 4AA558

 8CA590

 39A54A


 9CA59E

 29A53C

 ADA5AC

 18A52E

 BDA5BA

 08A520

 CEA5C8

 00A51A

 DEA5D6

 EFA5E4

 FFA5F1

Harmonies

Analogous

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



909E5E



6BA574



40A893

Triad

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



6BA574



639CD6



D4817E

Complementary

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



6BA574



A56B9C

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.



D1809D



6BA574



9691D0

Square

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



6BA574



26A4CB



BC86BB



C88A65

Rectangle

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



6BA574



1DA9A8



BC86BB



D58088

Sweetspot

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



6BA574



BFD6C2



9CA56B



5D6B5F



EBEBEB



6B6B6B

Same Dimension

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



6BA574



7CD68A



6BA591



49524B



009117



001203

Inverse Universe

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



A56B9C



D67CC8



A56B7F



524950



91007B



12000F

Previews

White Background



This preview shows how the Hex color 6BA574 looks on a white background.

Color Contrast Check

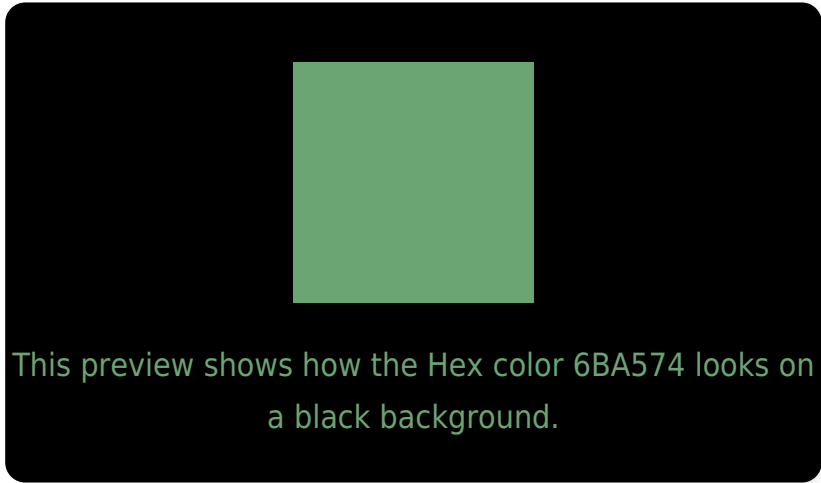
Large Text (above 18pt) WCAG AA × Fail

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

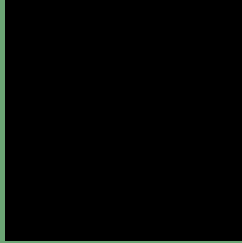
Any Text WCAG AA ✓ Pass

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 6BA574 Background



This preview shows how black text looks on a background with the Hex color 6BA574.

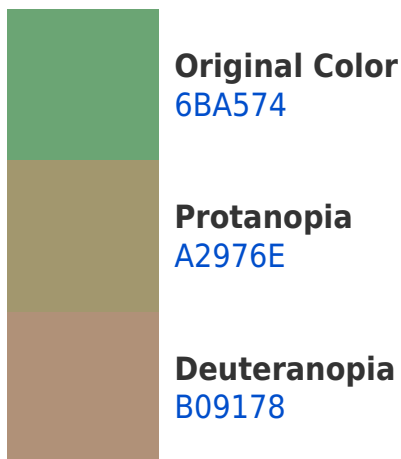


This preview shows how white text looks on a background with the Hex color 6BA574.

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](#).

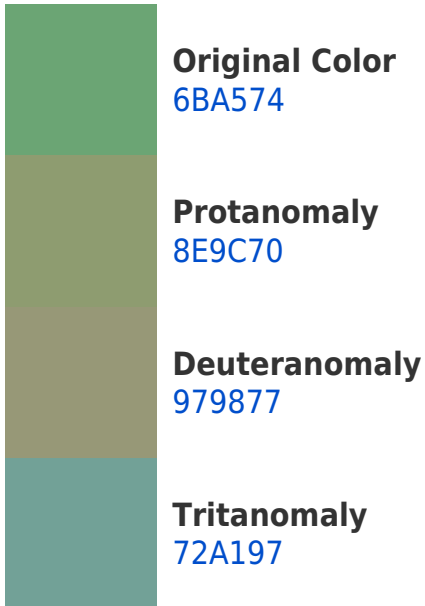
Dichromacy



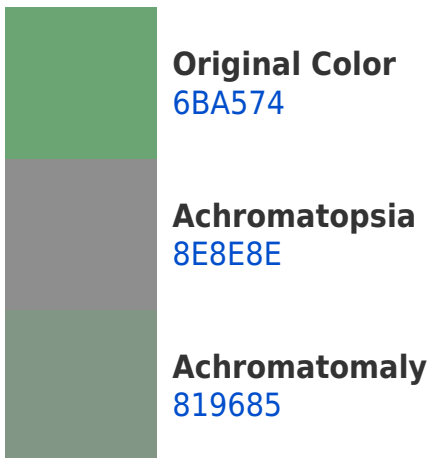


Tritanopia
769EAB

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 6BA574 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 #6BA574 looks like.

```
.text, #text, p{  
    color:#6BA574  
}
```

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 #6BA574 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6BA574
}
```

Border

The CSS property to change the border of an element to Hex 6BA574 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
#6BA574 }
```

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

```
.border{ border-color:#6BA574 }
```

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

Here you see how a box with a 4 pixel #6BA574 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6BA574; -webkit-box-shadow:4px 4px  
4px 4px #6BA574; box-shadow:4px 4px 4px  
4px #6BA574 }
```

Background

The CSS property to change the background color of an element to Hex 6BA574 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6BA574 }
```

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

```
.background{ background-color:#6BA574 }
```

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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