

Converting Colors

Hex(6EA274)

Have a look what the booklet for
Hex(6EA274) contains.

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Color

Hex(6EA274)

Conversions

Conversions Part 1

Format	Color
Hex	6EA274
RGB	110, 162, 116
RGB Percent	43%, 64%, 45%
CMY	0.5686, 0.3647, 0.5451
CMYK	0.32, 0.00, 0.28, 0.36
HSL	127°, 22%, 53%
HSV	127°, 32%, 64%
XYZ	22.5031, 30.4166, 21.2080
YIQ	141.2080, -16.2260, -25.3300

Conversions

Conversions Part 2

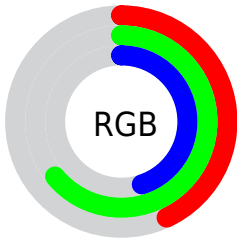
Format	Color
RYB	110, 157, 162
Decimal	7250548
CIELab	62.01, -26.94, 18.57
CIELCh	62, 32.721, 145.422
Yxy	30.4166, 0.3036, 0.4103
Android (android.graphics.Color)	4285440628 (0xFF6EA274)
YUV	141.2080, -12.4275, -27.3694
Hunter-Lab	55.1513, -23.6821, 15.8064

Details

The Hex color **6EA274** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **A26E9C**, and the grayscale version is **8D8D8D**.

A 20% lighter version of the original color is **A3D9A8**, and **3C6E43** is the 20% darker color. If you saturate the color by 10%, you get **5EA266**, and if you desaturate by 10%, it is **7EA282**.

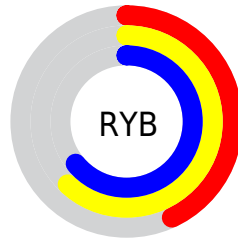
Distribution



Red (43%)

Green (64%)

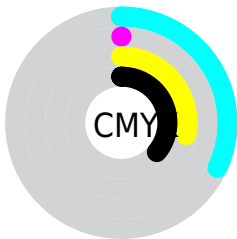
Blue (45%)



Red (43%)

Yellow (62%)

Blue (64%)

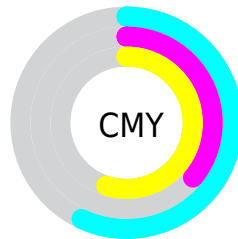


Cyan (32%)

Magenta (0%)

Yellow (28%)

Black (36%)



Cyan (57%)

Magenta (36%)

Yellow (55%)

Brightness & Saturation Gradients

These gradients show how the Hex color 6EA274 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 6EA274 by changing the saturation by 10% instead.



6EA274



6EA274

FFFFFF



55885B



A3D9A8



3C6E43



BFF6C4



23552D



DBFFE0



073E17



F8FFFC



002700



000D00



000000



6EA274



6EA274



5EA266



7EA282

 4EA257

 8EA291

 3DA249

 9FA29F

 2DA23B

 AFA2AD

 1DA22C

 BFA2BC

 0DA21E

 CFA2CA

 00A213

 DFA2D8

 F0A2E7

 FFA2F5

Harmonies

Analogous

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



909C61



6EA274



49A590

Triad

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



6EA274



659ACF



CE817E

Complementary

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



6EA274



A26E9C

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.



CB809B



6EA274



9390CA

Square

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



6EA274



36A1C5



B686B7



C38967

Rectangle

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



6EA274



31A5A4



B686B7



CF8088

Sweetspot

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



6EA274



BED4C1



9DA26E



5E6B60



EBEBEB



6B6B6B

Same Dimension

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



6EA274



81D48B



6EA28D



49524A



009111



001202

Inverse Universe

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



A26E9C



D481CA



A26E83



524951



910081



120010

Previews

White Background



This preview shows how the Hex color 6EA274 looks on a white background.

Color Contrast Check

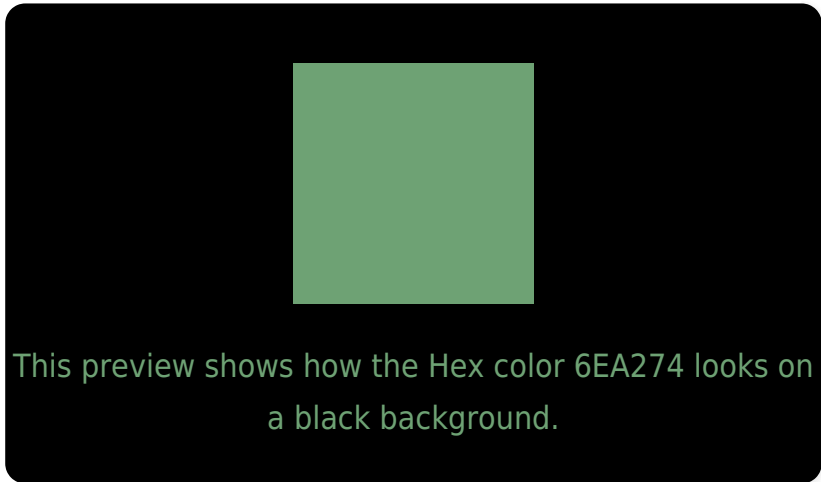
Large Text (above 18pt) WCAG AA × Fail

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 6EA274 Background



This preview shows how black text looks on a background with the Hex color 6EA274.

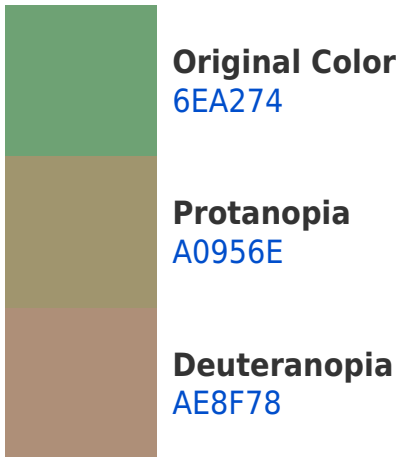



This preview shows how white text looks on a background with the Hex color 6EA274.

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
789BA8

Trichromacy



Original Color
6EA274

Protanomaly
8E9A70

Deuteranomaly
979677

Tritanomaly
749E95

Monochromacy



Original Color
6EA274

Achromatopsia
8D8D8D

Achromatomaly
829584

CSS Examples

Text

The CSS property to change the color of the text to Hex 6EA274 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 #6EA274 looks like.

```
.text, #text, p{  
    color:#6EA274  
}
```

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 #6EA274 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6EA274
}
```

Border

The CSS property to change the border of an element to Hex 6EA274 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
#6EA274 }
```

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

```
.border{ border-color:#6EA274 }
```

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

Here you see how a box with a 4 pixel #6EA274 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6EA274; -webkit-box-shadow:4px 4px  
4px 4px #6EA274; box-shadow:4px 4px 4px  
4px #6EA274 }
```

Background

The CSS property to change the background color of an element to Hex 6EA274 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6EA274 }
```

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

```
.background{ background-color:#6EA274 }
```

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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