

Converting Colors

Hex(6FA876)

Have a look what the booklet for
Hex(6FA876) contains.

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Color

Hex(6FA876)

Conversions

Conversions Part 1

Format	Color
Hex	6FA876
RGB	111, 168, 118
RGB Percent	44%, 66%, 46%
CMY	0.5647, 0.3412, 0.5373
CMYK	0.34, 0.00, 0.30, 0.34
HSL	127°, 25%, 55%
HSV	127°, 34%, 66%
XYZ	23.8282, 32.6928, 22.1940
YIQ	145.2570, -17.9220, -27.6340

Conversions

Conversions Part 2

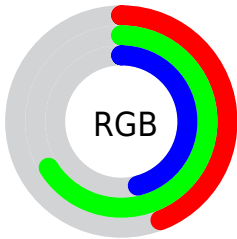
Format	Color
RYB	111, 162, 168
Decimal	7317622
CIELab	63.91, -29.17, 20.07
CIElCh	64, 35.412, 145.466
Yxy	32.6928, 0.3027, 0.4153
Android (android.graphics.Color)	4285507702 (0xFF6FA876)
YUV	145.2570, -13.4377, -30.0434
Hunter-Lab	57.1776, -25.6727, 17.0104

Details

The Hex color **6FA876** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **A86FA1**, and the grayscale version is **919191**.

A 20% lighter version of the original color is **A4E0AA**, and **3C7445** is the 20% darker color. If you saturate the color by 10%, you get **5EA867**, and if you desaturate by 10%, it is **80A885**.

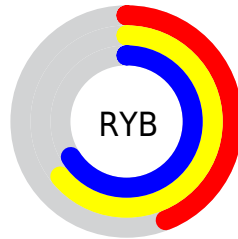
Distribution



Red (44%)

Green (66%)

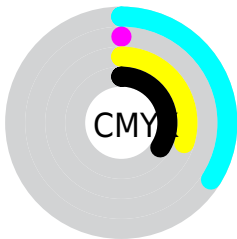
Blue (46%)



Red (44%)

Yellow (64%)

Blue (66%)

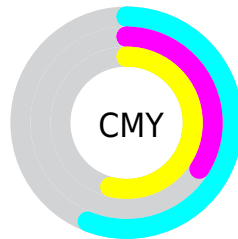


Cyan (34%)

Magenta (0%)

Yellow (30%)

Black (34%)



Cyan (56%)

Magenta (34%)

Yellow (54%)

Brightness & Saturation Gradients

These gradients show how the Hex color 6FA876 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 6FA876 by changing the saturation by 10% instead.

 6FA876

 6FA876

FFFFFF

 558D5D

 A4E0AA

 3C7445

 C0FCC6

 235B2E

 DCFE2

 054319

 F9FFFF

 002C00

 001600

 000000

 6FA876

 6FA876

 5EA867

 80A885

 4DA859

 91A893

 3DA84A

 A1A8A2

 2CA83B

 B2A8B1

 1BA82C

 C3A8C0

 0AA81E

 D4A8CE

 00A815

 E5A8DD

 F5A8EC

 FFA8FB

Harmonies

Analogous

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



94A161



6FA876



44AB95

Triad

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



6FA876



649FD9



D88481

Complementary

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



6FA876



A86FA1

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.



D483A1



6FA876



9894D4

Square

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



6FA876



29A7CE



BE89BF



CC8C68

Rectangle

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



6FA876



24ACAB



BE89BF



D9838C

Sweetspot

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



6FA876



C5DBC8



A1A86F



606E62



EDEDED



6E6E6E

Same Dimension

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



6FA876



81DB8C



6FA892



4C544D



009412



001403

Inverse Universe

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



A86FA1



DB81D0



A86F85



544C53



940082



140012

Previews

White Background



This preview shows how the Hex color 6FA876 looks on a white background.

Color Contrast Check

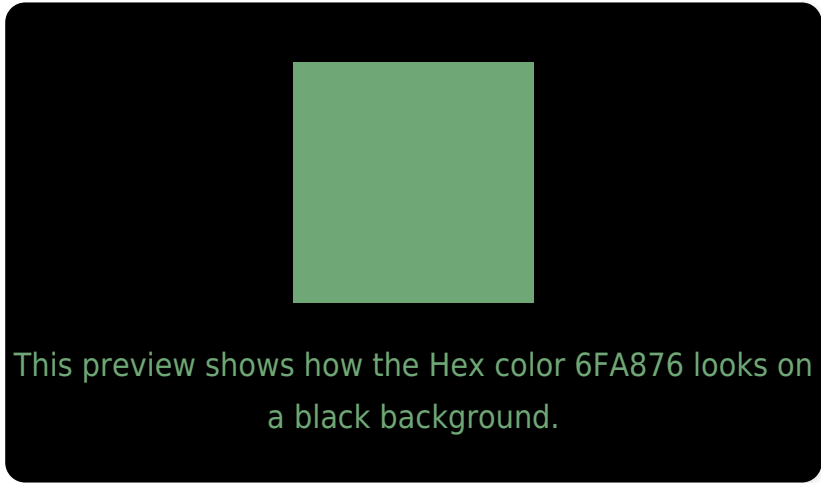
Large Text (above 18pt) WCAG AA × Fail

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

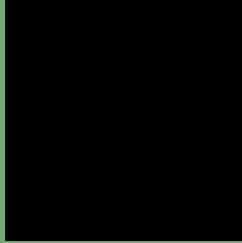
Any Text WCAG AA ✓ Pass

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 6FA876 Background



This preview shows how black text looks on a background with the Hex color 6FA876.

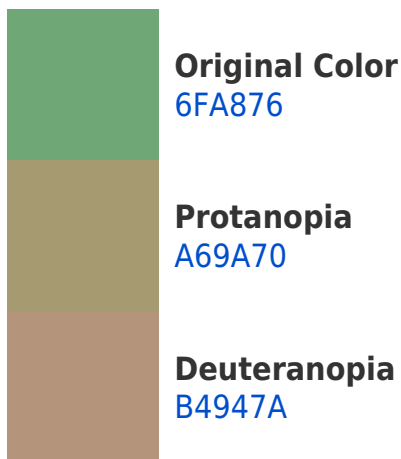


This preview shows how white text looks on a background with the Hex color 6FA876.

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](#).

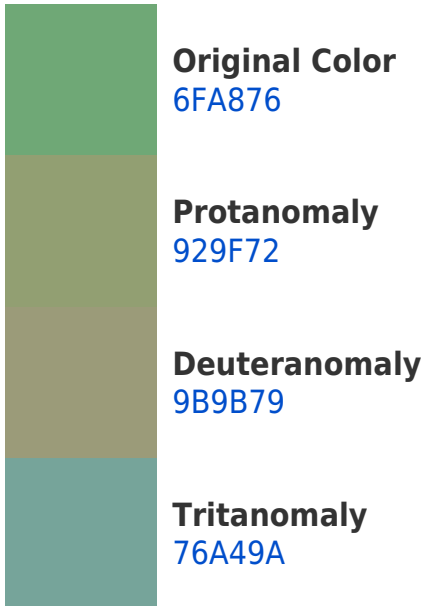
Dichromacy





Tritanopia
7AA1AE

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 6FA876 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 #6FA876 looks like.

```
.text, #text, p{  
    color:#6FA876  
}
```

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 #6FA876 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6FA876  
}
```

Border

The CSS property to change the border of an element to Hex 6FA876 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  
#6FA876 }
```

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

```
.border{ border-color:#6FA876 }
```

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

Here you see how a box with a 4 pixel #6FA876 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6FA876; -webkit-box-shadow:4px 4px  
4px 4px #6FA876; box-shadow:4px 4px 4px  
4px #6FA876 }
```

Background

The CSS property to change the background color of an element to Hex 6FA876 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6FA876 }
```

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

```
.background{ background-color:#6FA876 }
```

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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